

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080496.D
 Acq On : 27 Aug 2025 09:14
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 28 02:46:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 02:42:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.876	168	447825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	794201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	689417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	318150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	24064	4.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.520%#
35) Dibromofluoromethane	7.806	113	23592	3.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	6.460%#
50) Toluene-d8	10.270	98	97744	3.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	7.300%#
62) 4-Bromofluorobenzene	12.570	95	32652	3.146	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	6.300%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	22497	5.900	ug/l	92
3) Chloromethane	2.147	50	34237	5.688	ug/l	99
4) Vinyl Chloride	2.288	62	33617	5.412	ug/l	98
5) Bromomethane	2.700	94	21029	6.024	ug/l	99
6) Chloroethane	2.841	64	22434	5.533	ug/l	95
7) Trichlorofluoromethane	3.182	101	38687	5.348	ug/l	91
8) Diethyl Ether	3.600	74	15140	5.281	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.976	101	26444	5.633	ug/l	99
10) Methyl Iodide	4.165	142	23903	4.411	ug/l	98
11) Tert butyl alcohol	5.035	59	4111	11.244	ug/l #	86
12) 1,1-Dichloroethene	3.953	96	25538	5.222	ug/l	95
13) Acrolein	3.800	56	11003	28.315	ug/l	98
14) Allyl chloride	4.565	41	42787	5.042	ug/l	95
15) Acrylonitrile	5.253	53	32869	25.746	ug/l	99
16) Acetone	4.023	43	33394	28.232	ug/l	100
17) Carbon Disulfide	4.270	76	89298	5.400	ug/l	99
18) Methyl Acetate	4.565	43	17501	5.258	ug/l	98
19) Methyl tert-butyl Ether	5.323	73	67052	5.225	ug/l	98
20) Methylene Chloride	4.800	84	39947	6.148	ug/l	97
21) trans-1,2-Dichloroethene	5.312	96	29434	5.257	ug/l	96
22) Diisopropyl ether	6.217	45	89877	5.145	ug/l	97
23) Vinyl Acetate	6.153	43	252173	25.370	ug/l	97
24) 1,1-Dichloroethane	6.117	63	53733	5.314	ug/l	99
25) 2-Butanone	7.088	43	44354	26.482	ug/l	97
26) 2,2-Dichloropropane	7.076	77	42835	5.351	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	33994	5.088	ug/l	95
28) Bromochloromethane	7.429	49	20466	4.967	ug/l	99
29) Tetrahydrofuran	7.453	42	28021	26.476	ug/l	94
30) Chloroform	7.600	83	49846	5.156	ug/l	97
31) Cyclohexane	7.882	56	57089	6.032	ug/l #	79
32) 1,1,1-Trichloroethane	7.788	97	42456	5.274	ug/l	98
36) 1,1-Dichloropropene	8.011	75	38571	5.542	ug/l	97
37) Ethyl Acetate	7.164	43	17218	5.145	ug/l	97
38) Carbon Tetrachloride	7.994	117	35604	5.375	ug/l	93
39) Methylcyclohexane	9.276	83	50984	5.504	ug/l	95
40) Benzene	8.253	78	119326	5.387	ug/l	98

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 28 02:46:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 02:42:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	8854	4.456	ug/l #	90
42) 1,2-Dichloroethane	8.329	62	28538	5.319	ug/l	98
43) Isopropyl Acetate	8.358	43	36718	5.392	ug/l	99
44) Trichloroethene	9.029	130	29545	5.498	ug/l	100
45) 1,2-Dichloropropane	9.305	63	29620	5.392	ug/l #	87
46) Dibromomethane	9.394	93	15227	5.174	ug/l	97
47) Bromodichloromethane	9.582	83	36345	5.066	ug/l #	99
48) Methyl methacrylate	9.382	41	18176	5.385	ug/l	98
49) 1,4-Dioxane	9.376	88	3583	98.480	ug/l #	74
51) 4-Methyl-2-Pentanone	10.153	43	90932	26.777	ug/l	99
52) Toluene	10.335	92	74975	5.428	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	37922	5.186	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	46626	5.332	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	21000	5.322	ug/l	98
56) Ethyl methacrylate	10.594	69	28887	5.255	ug/l	96
57) 1,3-Dichloropropane	10.876	76	36786	5.312	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	53705	25.244	ug/l	100
59) 2-Hexanone	10.917	43	64945	26.916	ug/l	99
60) Dibromochloromethane	11.070	129	26229	5.275	ug/l	99
61) 1,2-Dibromoethane	11.182	107	19058	5.076	ug/l	99
64) Tetrachloroethene	10.805	164	23484	5.516	ug/l	94
65) Chlorobenzene	11.605	112	79593	5.418	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.682	131	25272	5.393	ug/l	99
67) Ethyl Benzene	11.682	91	136904	5.384	ug/l	97
68) m/p-Xylenes	11.794	106	104681	10.692	ug/l	98
69) o-Xylene	12.117	106	49687	5.318	ug/l	99
70) Styrene	12.129	104	84266	5.301	ug/l	99
71) Bromoform	12.294	173	13939	5.234	ug/l #	99
73) Isopropylbenzene	12.417	105	127564	5.473	ug/l	100
74) N-amyl acetate	12.229	43	33621	5.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	22562	5.206	ug/l	90
76) 1,2,3-Trichloropropane	12.723	75	30731	11.835	ug/l #	100
77) Bromobenzene	12.699	156	29036	5.384	ug/l	97
78) n-propylbenzene	12.758	91	157188	5.553	ug/l	99
79) 2-Chlorotoluene	12.846	91	88397	5.481	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	104904	5.538	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.464	75	9560	5.588	ug/l	99
82) 4-Chlorotoluene	12.946	91	91061	5.489	ug/l	100
83) tert-Butylbenzene	13.164	119	89108	5.422	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	103894	5.447	ug/l	98
85) sec-Butylbenzene	13.341	105	135636	5.530	ug/l	98
86) p-Isopropyltoluene	13.458	119	113150	5.515	ug/l	98
87) 1,3-Dichlorobenzene	13.458	146	54705	5.261	ug/l	97
88) 1,4-Dichlorobenzene	13.535	146	57608	5.517	ug/l	96
89) n-Butylbenzene	13.782	91	106442	5.446	ug/l	98
90) Hexachloroethane	14.052	117	21674	5.461	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	50578	5.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	3643	5.602	ug/l	91
93) 1,2,4-Trichlorobenzene	15.093	180	31510	5.435	ug/l	100
94) Hexachlorobutadiene	15.199	225	14577	5.532	ug/l	98
95) Naphthalene	15.329	128	66462	5.389	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	26484	5.336	ug/l	98

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Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

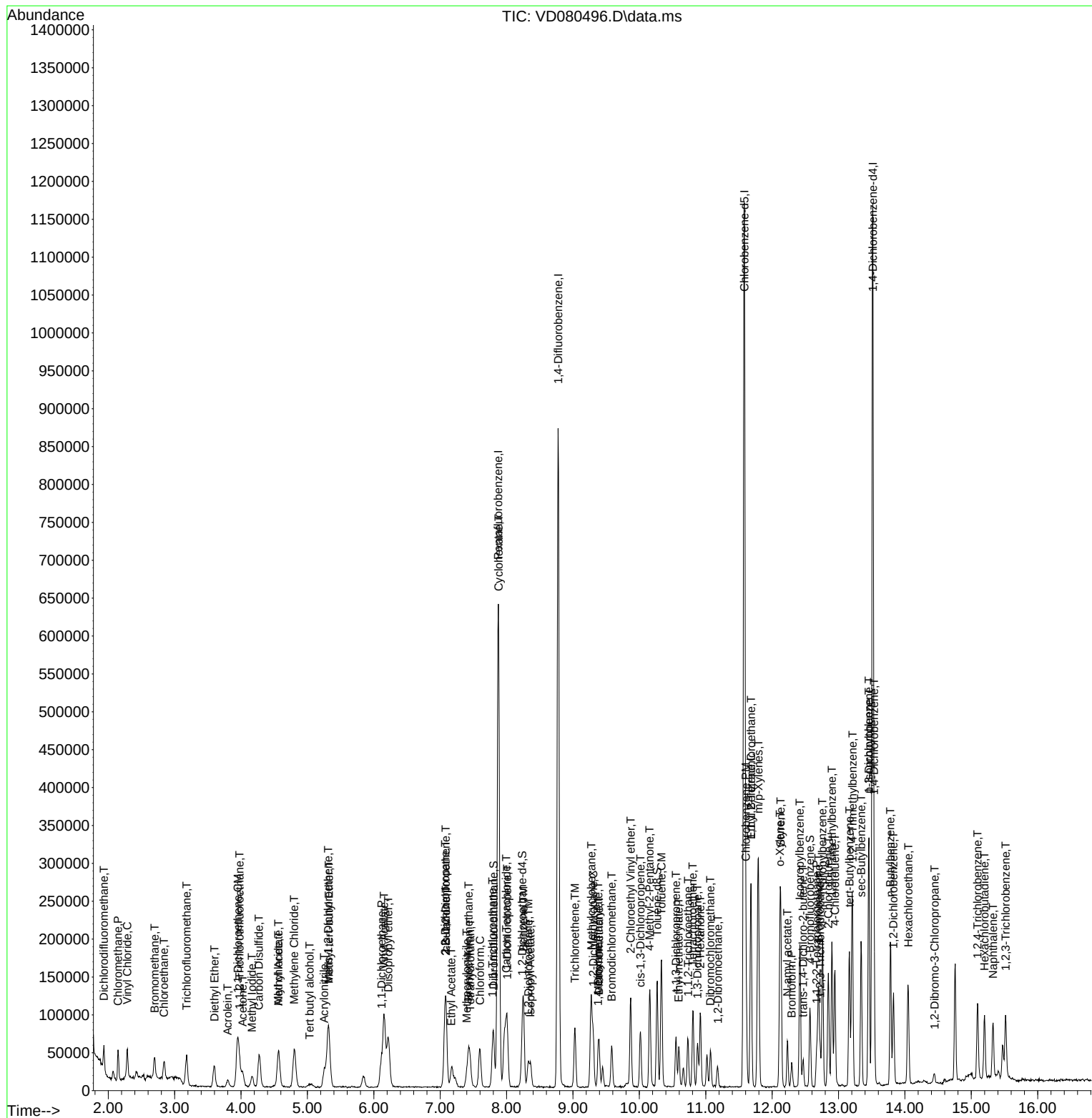
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MSVOA_D
ClientSampleId :
VSTDICC005

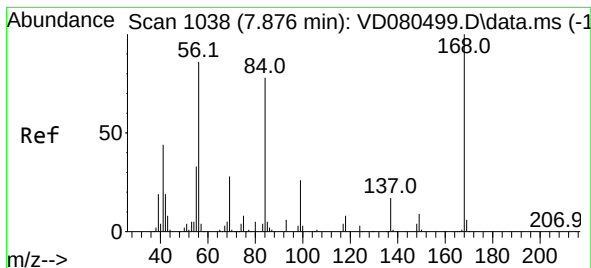
Quant Time: Aug 28 02:46:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Aug 28 02:46:44 2025
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Quant Title : SW846 8260
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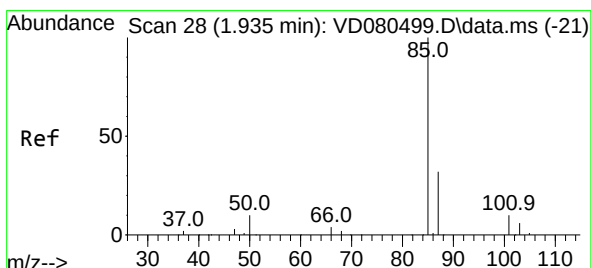
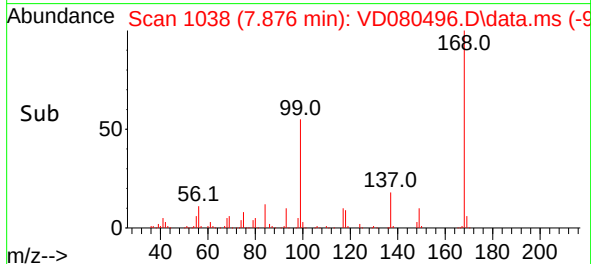
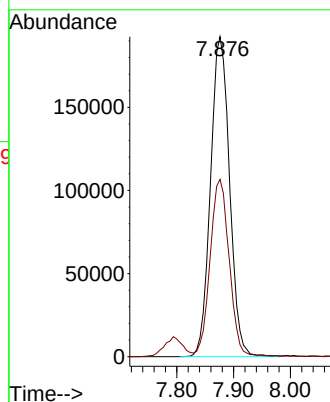
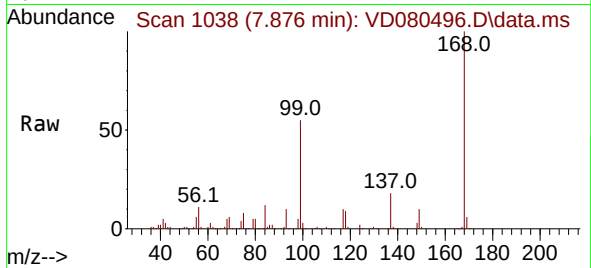




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

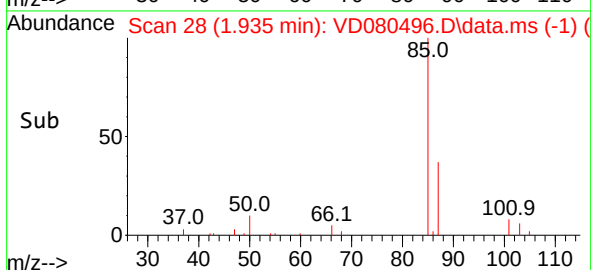
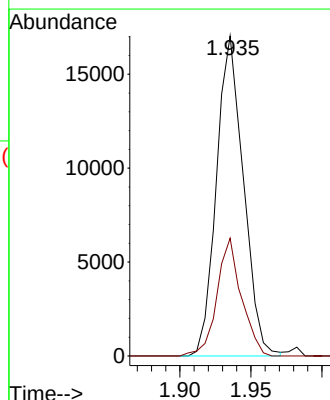
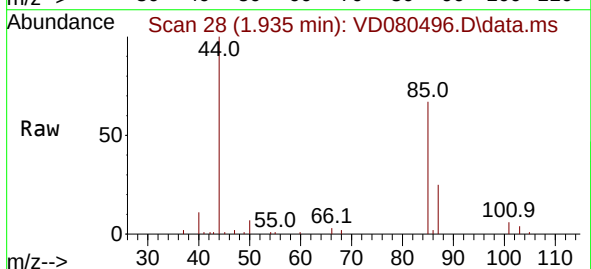
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

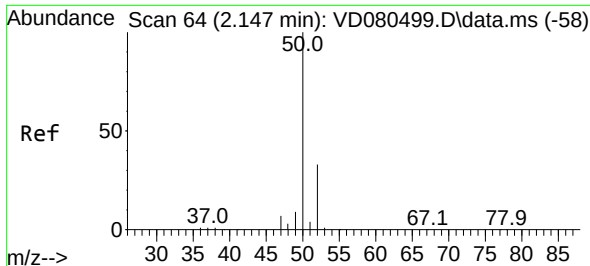
Tgt Ion:168 Resp: 447825
Ion Ratio Lower Upper
168 100
99 55.3 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 5.900 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 85 Resp: 22497
Ion Ratio Lower Upper
85 100
87 36.8 16.2 48.5

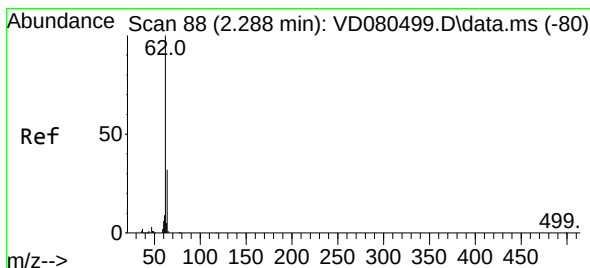
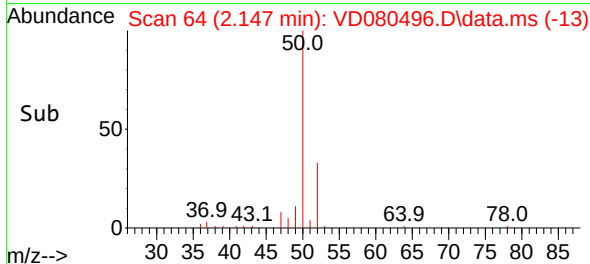
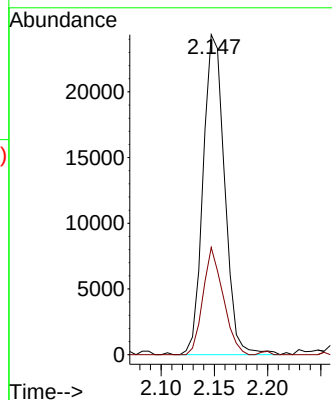
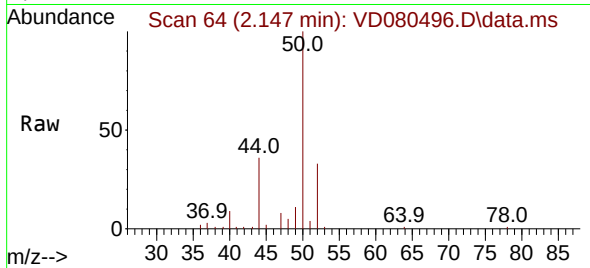




#3
Chloromethane
Concen: 5.688 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

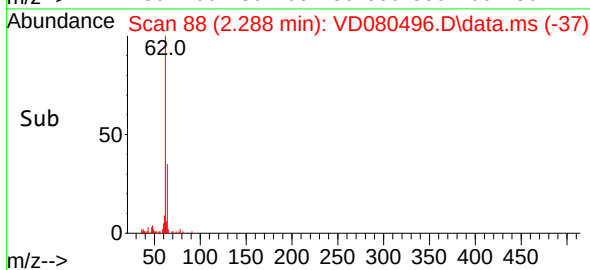
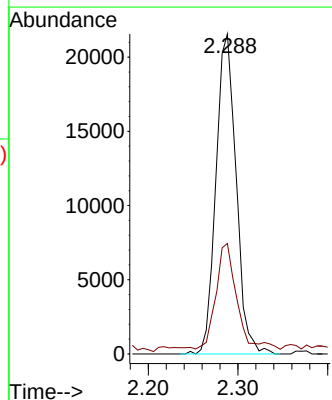
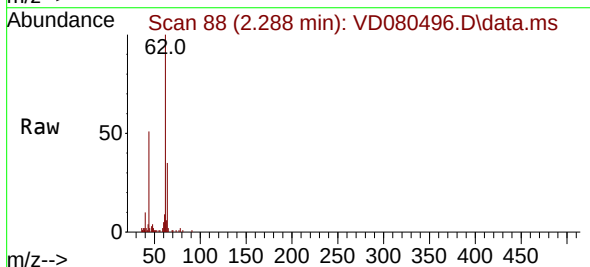
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

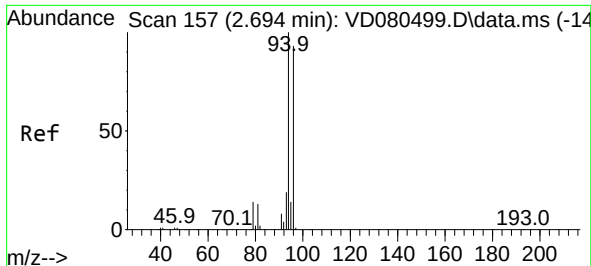
Tgt Ion: 50 Resp: 34237
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4



#4
Vinyl Chloride
Concen: 5.412 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 62 Resp: 33617
Ion Ratio Lower Upper
62 100
64 33.1 25.6 38.4

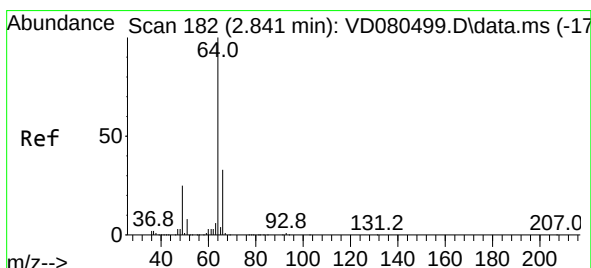
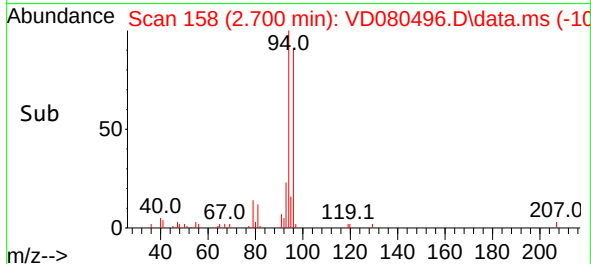
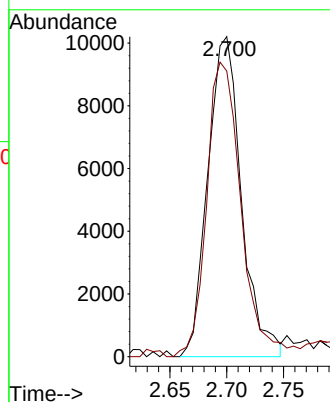
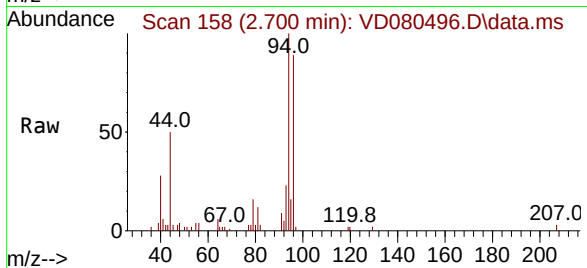




#5
Bromomethane
Concen: 6.024 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

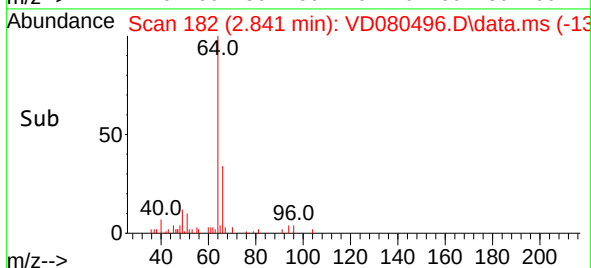
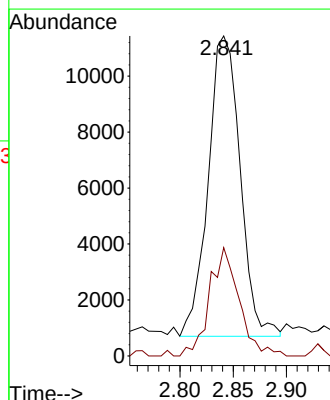
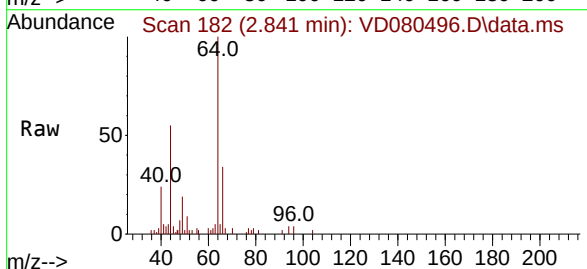
Instrument :
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ClientSampleId :
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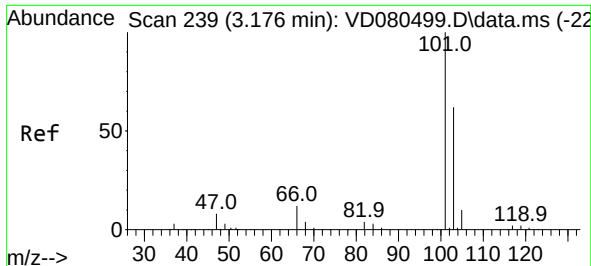
Tgt Ion: 94 Resp: 21029
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8



#6
Chloroethane
Concen: 5.533 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 64 Resp: 22434
Ion Ratio Lower Upper
64 100
66 36.1 26.5 39.7

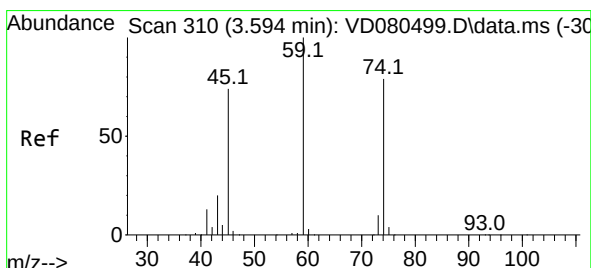
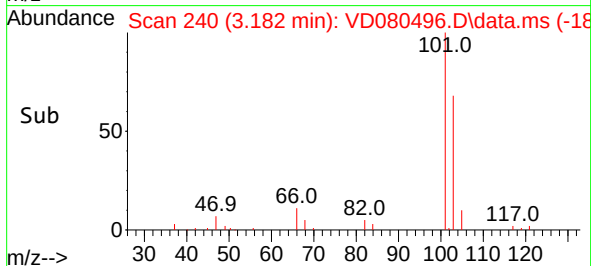
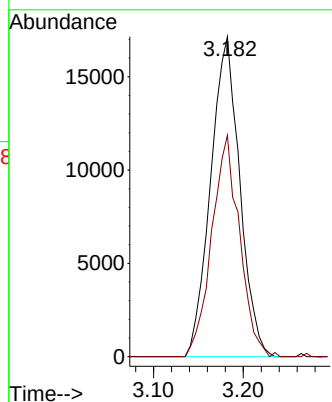
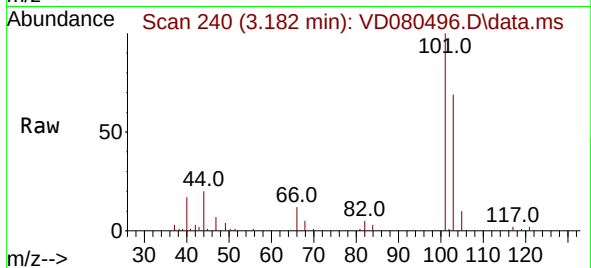




#7
Trichlorofluoromethane
Concen: 5.348 ug/l
RT: 3.182 min Scan# 24
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

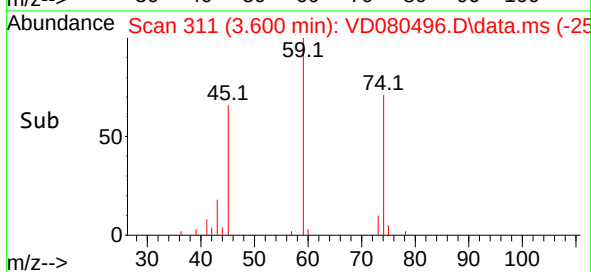
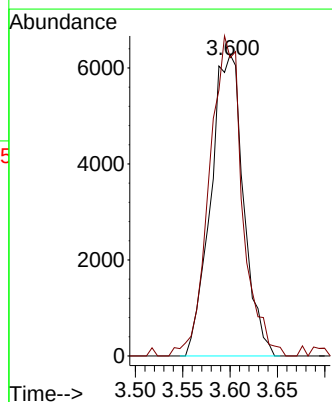
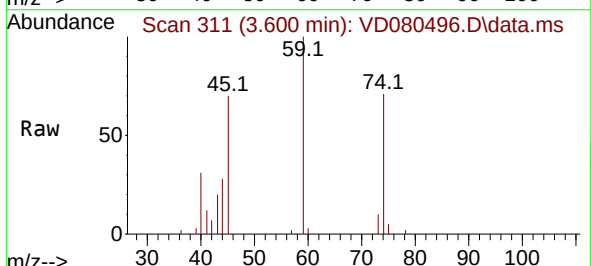
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

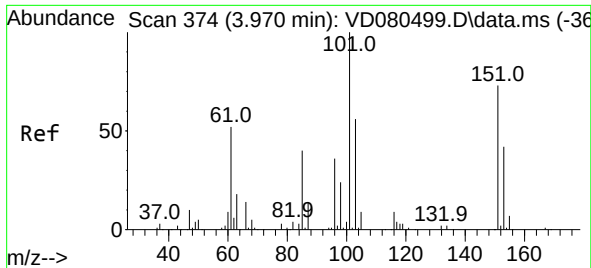
Tgt Ion:101 Resp: 38687
Ion Ratio Lower Upper
101 100
103 69.2 49.6 74.4



#8
Diethyl Ether
Concen: 5.281 ug/l
RT: 3.600 min Scan# 311
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 74 Resp: 15140
Ion Ratio Lower Upper
74 100
45 106.7 48.2 144.6

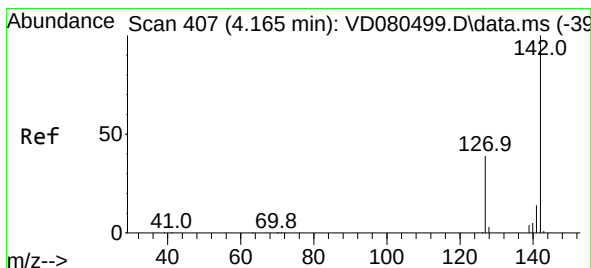
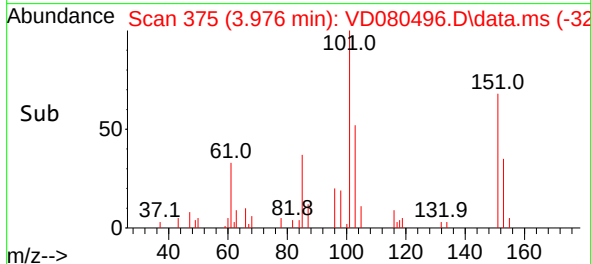
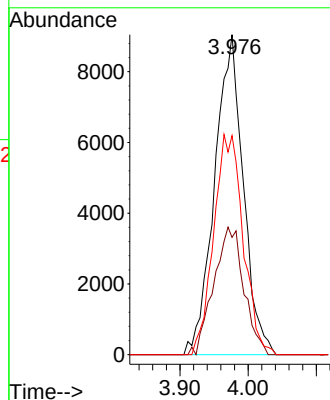
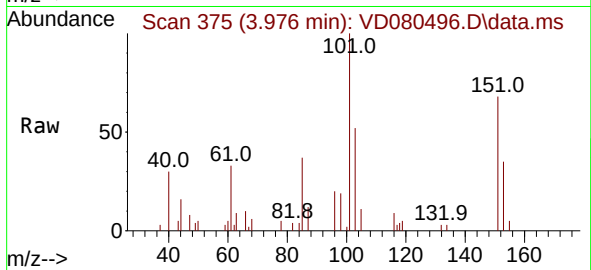




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.633 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080496.D
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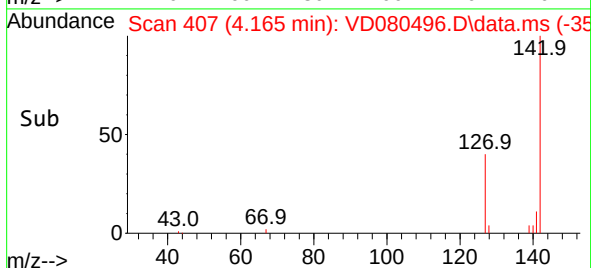
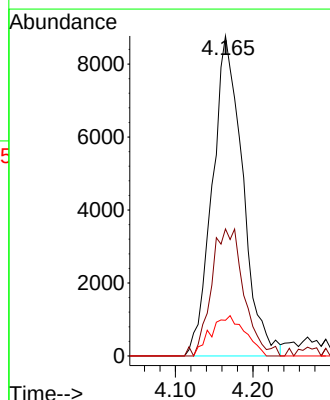
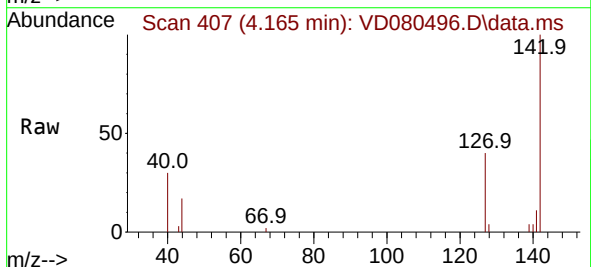
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

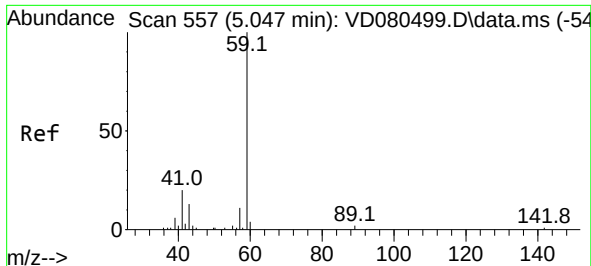
Tgt Ion:101 Resp: 26444
Ion Ratio Lower Upper
101 100
85 41.9 33.8 50.6
151 70.9 58.0 87.0



#10
Methyl Iodide
Concen: 4.411 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion:142 Resp: 23903
Ion Ratio Lower Upper
142 100
127 42.5 33.1 49.7
141 14.2 11.7 17.5

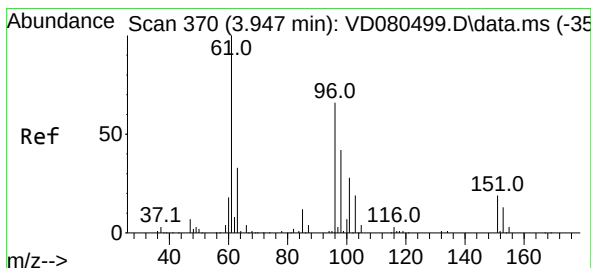
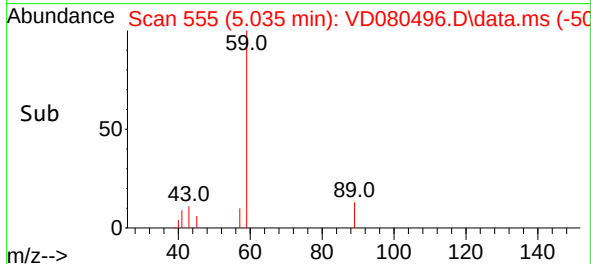
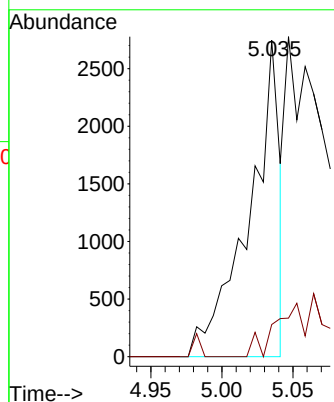
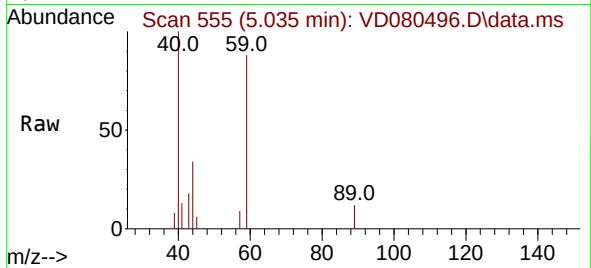




#11
Tert butyl alcohol
Concen: 11.244 ug/l
RT: 5.035 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

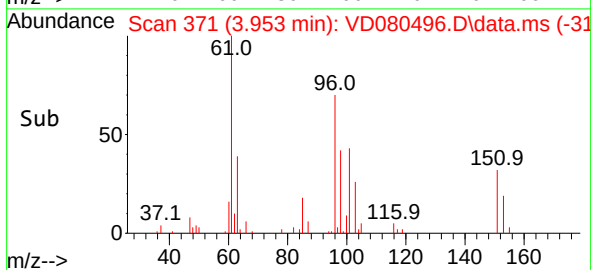
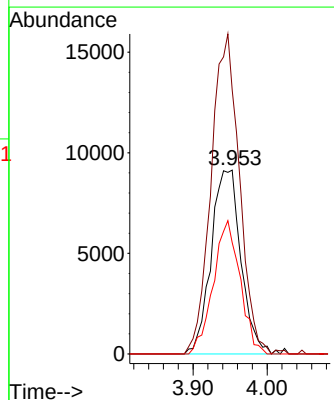
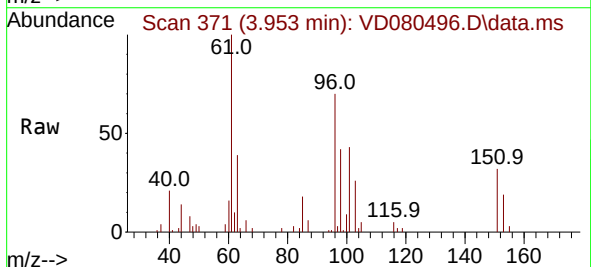
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

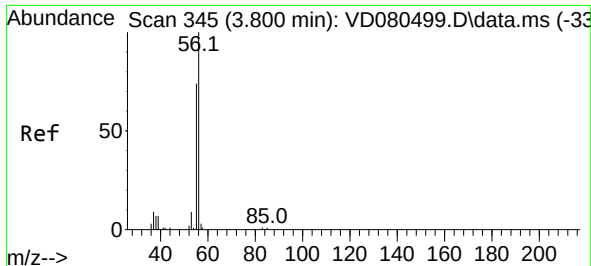
Tgt Ion: 59 Resp: 4111
Ion Ratio Lower Upper
59 100
57 15.4 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 5.222 ug/l
RT: 3.953 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 96 Resp: 25538
Ion Ratio Lower Upper
96 100
61 143.6 120.9 181.3
98 60.6 50.7 76.1





#13

Acrolein

Concen: 28.315 ug/l

RT: 3.800 min Scan# 345

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

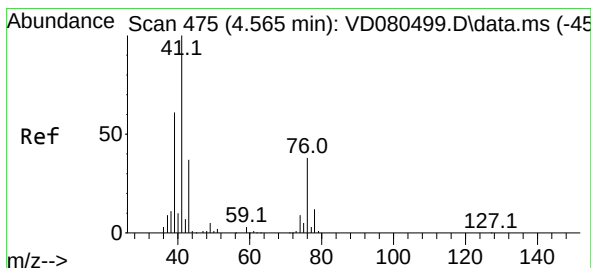
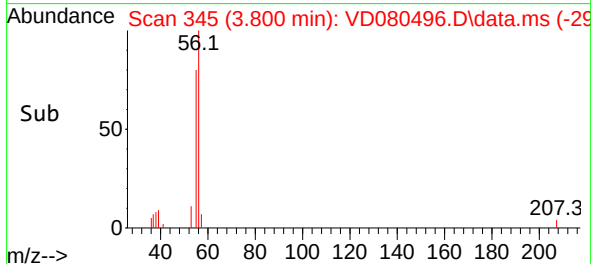
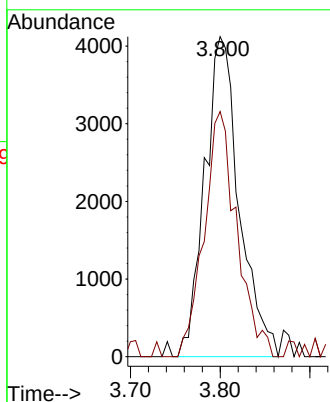
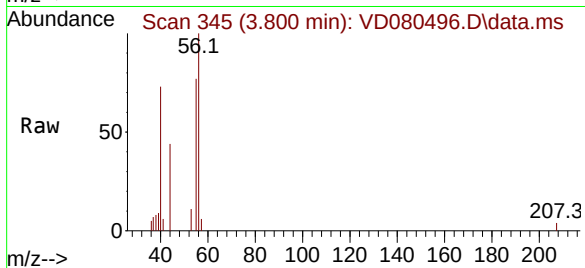
VSTDICC005

Tgt Ion: 56 Resp: 11003

Ion Ratio Lower Upper

56 100

55 72.6 56.6 85.0



#14

Allyl chloride

Concen: 5.042 ug/l

RT: 4.565 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

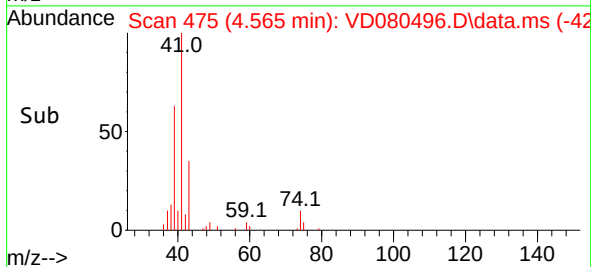
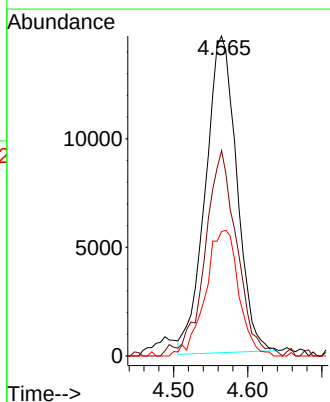
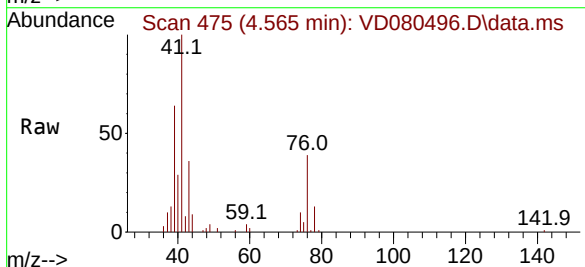
Tgt Ion: 41 Resp: 42787

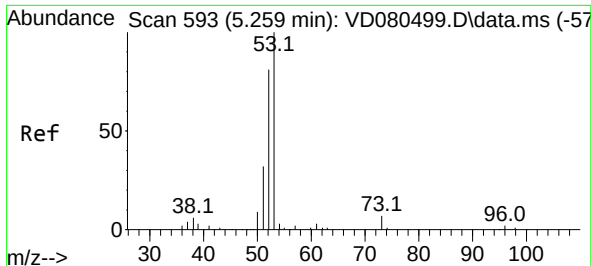
Ion Ratio Lower Upper

41 100

39 66.2 50.1 75.1

76 42.1 30.7 46.1

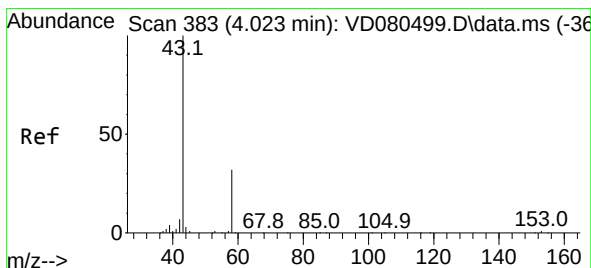
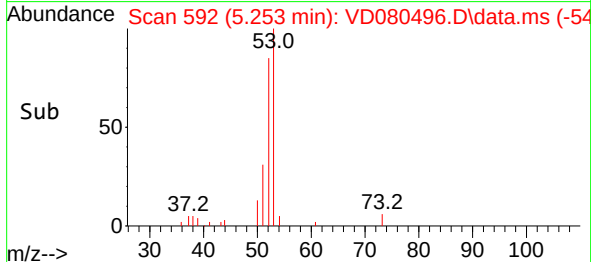
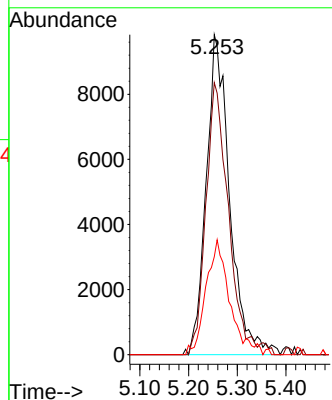
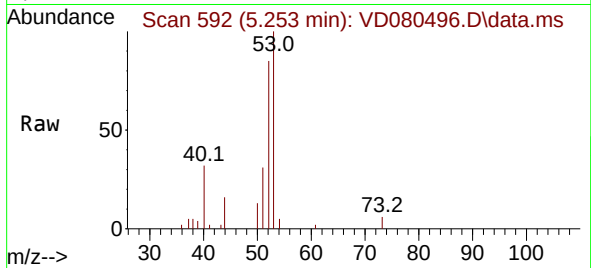




#15
Acrylonitrile
Concen: 25.746 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

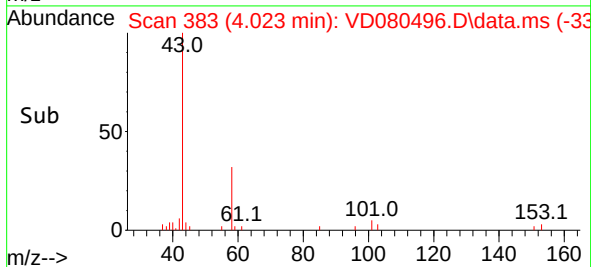
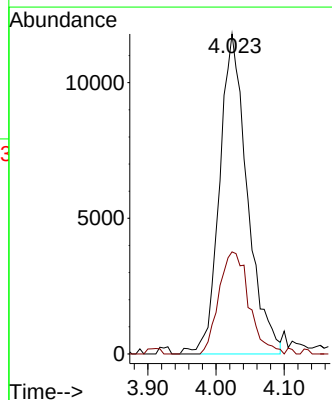
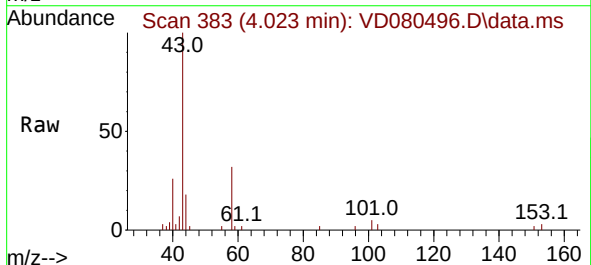
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

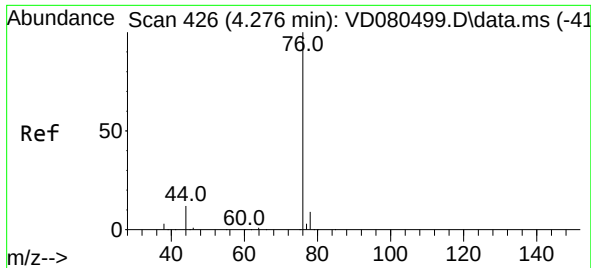
Tgt Ion: 53 Resp: 32869
Ion Ratio Lower Upper
53 100
52 80.9 64.6 97.0
51 36.2 28.0 42.0



#16
Acetone
Concen: 28.232 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 43 Resp: 33394
Ion Ratio Lower Upper
43 100
58 31.9 25.4 38.0

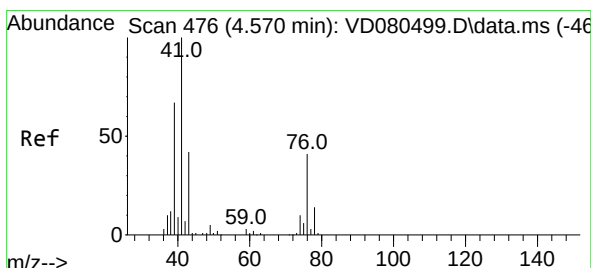
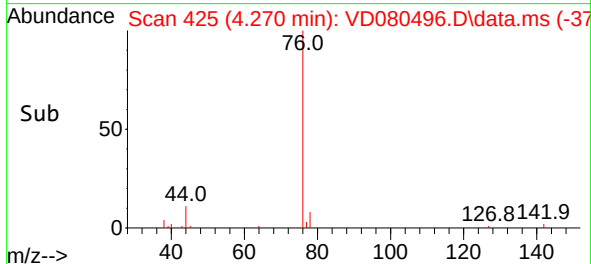
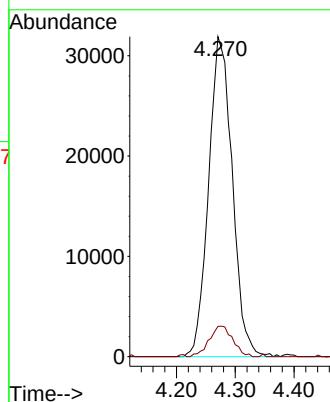
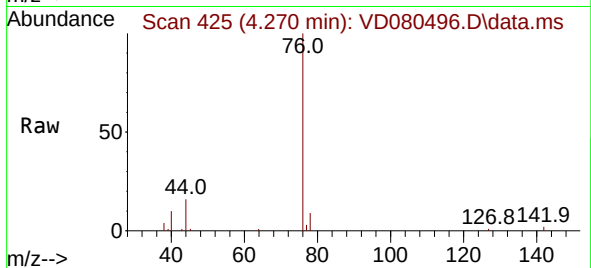




#17
Carbon Disulfide
Concen: 5.400 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

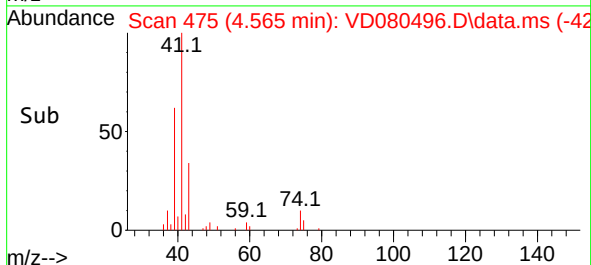
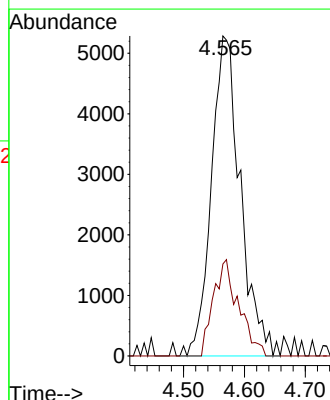
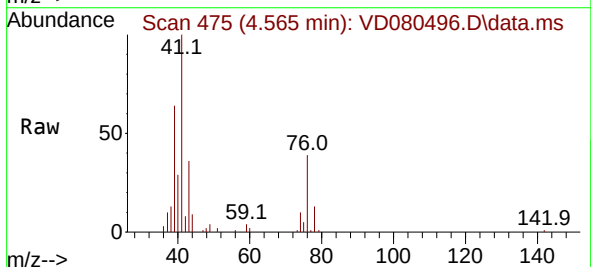
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

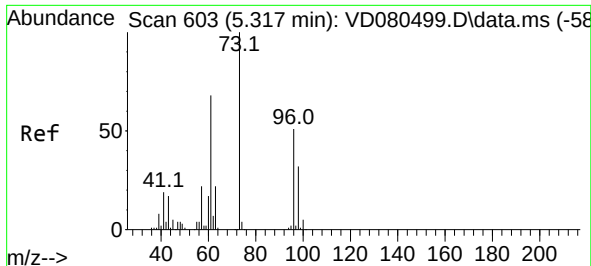
Tgt Ion: 76 Resp: 89298
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 5.258 ug/l
RT: 4.565 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 43 Resp: 17501
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.2

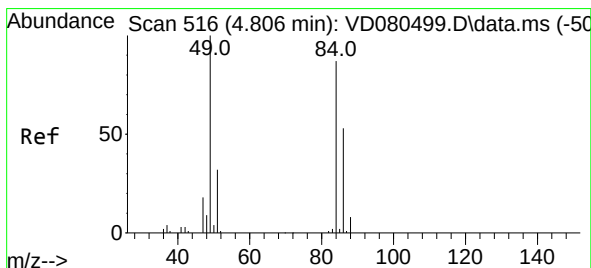
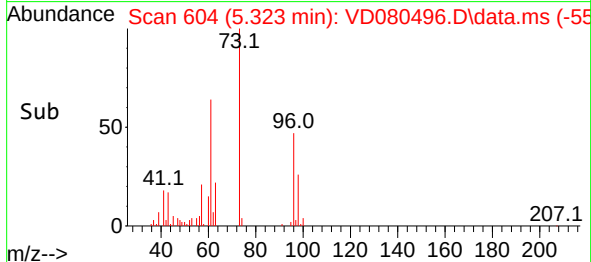
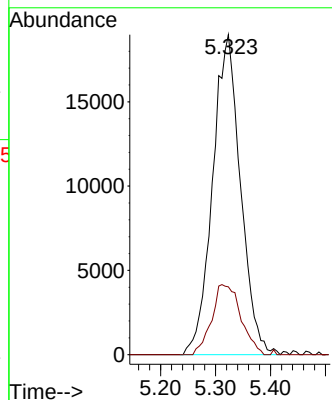
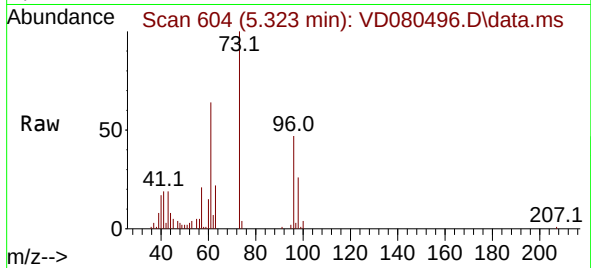




#19
Methyl tert-butyl Ether
Concen: 5.225 ug/l
RT: 5.323 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

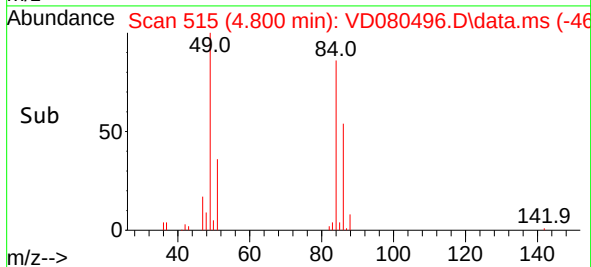
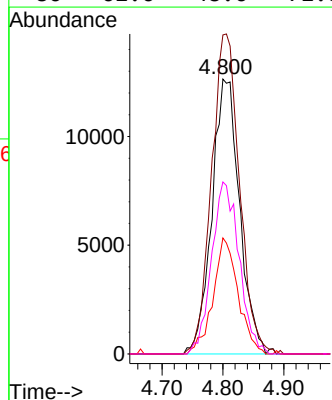
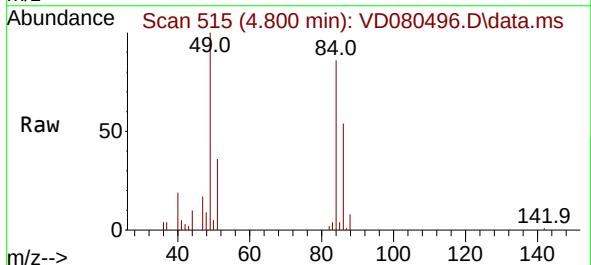
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

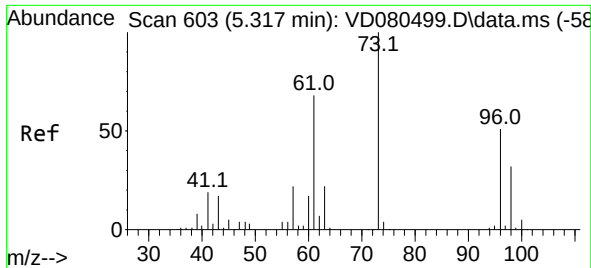
Tgt Ion: 73 Resp: 67052
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8



#20
Methylene Chloride
Concen: 6.148 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 84 Resp: 39947
Ion Ratio Lower Upper
84 100
49 116.1 91.8 137.6
51 42.2 29.0 43.4
86 62.6 48.6 72.8

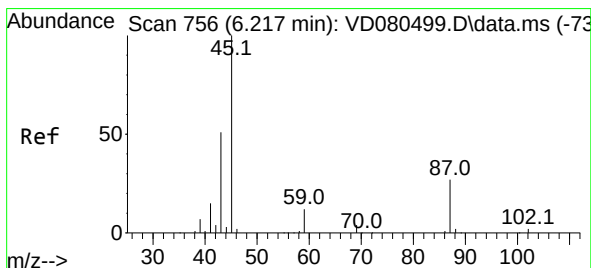
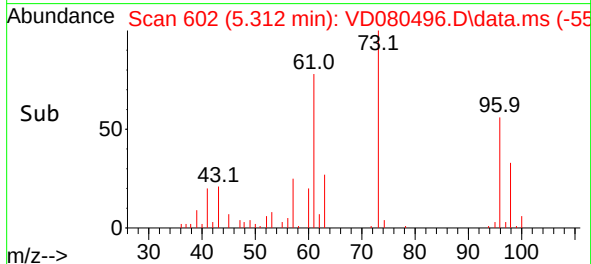
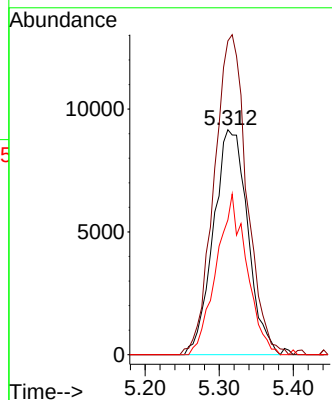
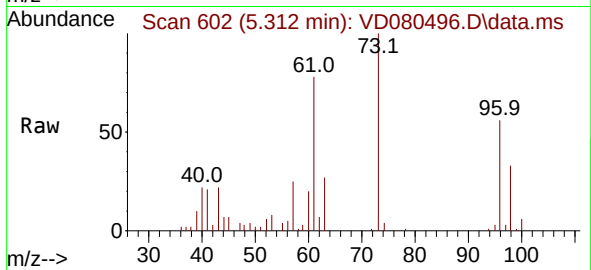




#21
trans-1,2-Dichloroethene
Concen: 5.257 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

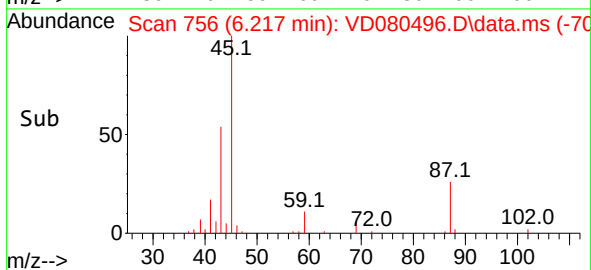
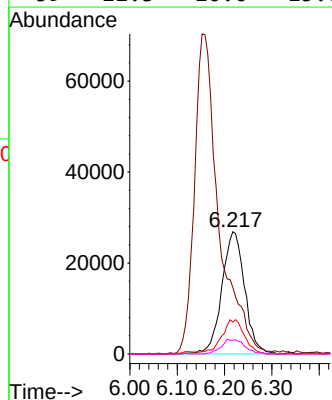
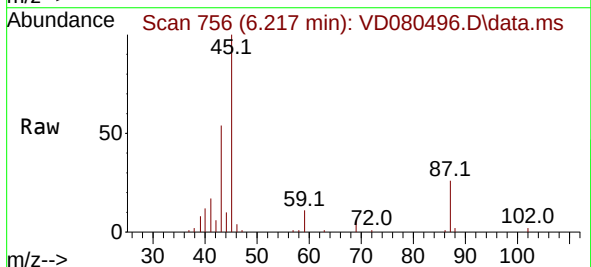
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

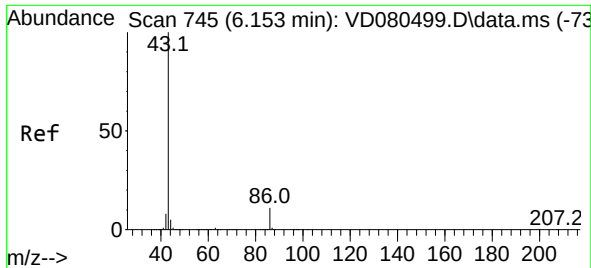
Tgt Ion: 96 Resp: 29434
Ion Ratio Lower Upper
96 100
61 139.4 107.4 161.0
98 59.9 49.9 74.9



#22
Diisopropyl ether
Concen: 5.145 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 45 Resp: 89877
Ion Ratio Lower Upper
45 100
43 52.9 40.6 60.8
87 26.0 21.6 32.4
59 11.3 10.0 15.0

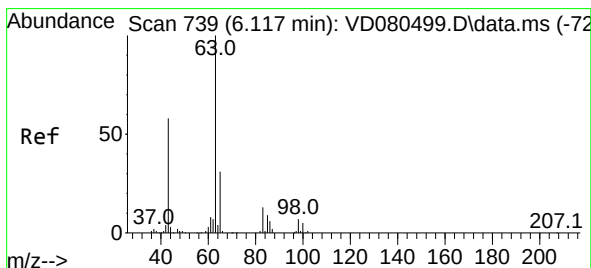
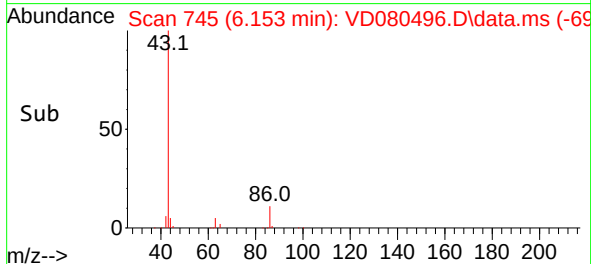
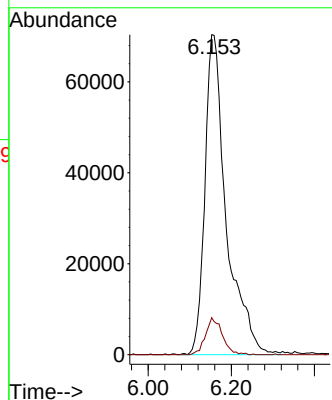
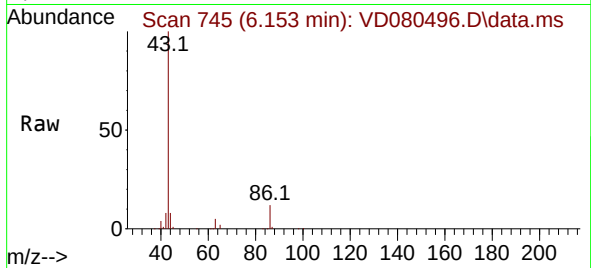




#23
 Vinyl Acetate
 Concen: 25.370 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

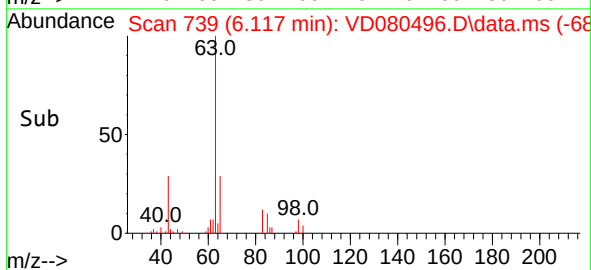
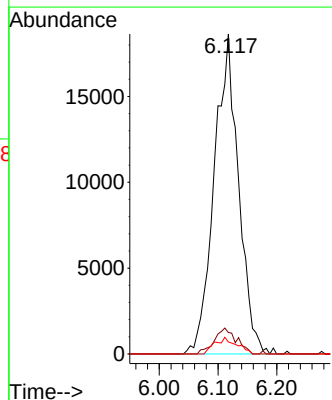
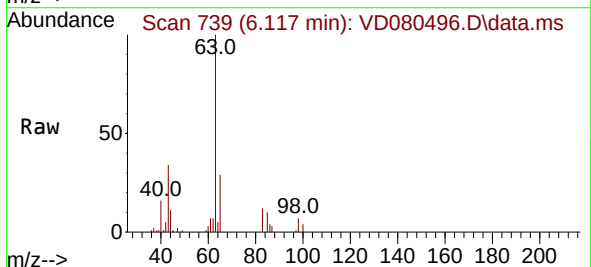
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

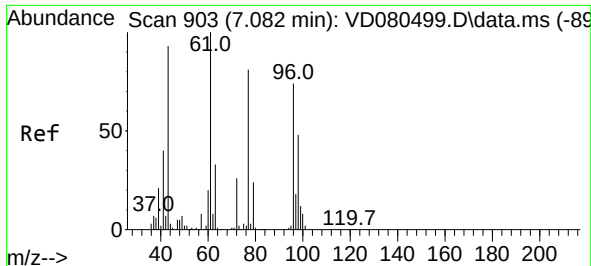
Tgt Ion: 43 Resp: 252173
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 5.314 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

Tgt Ion: 63 Resp: 53733
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 3.8 2.4 7.1

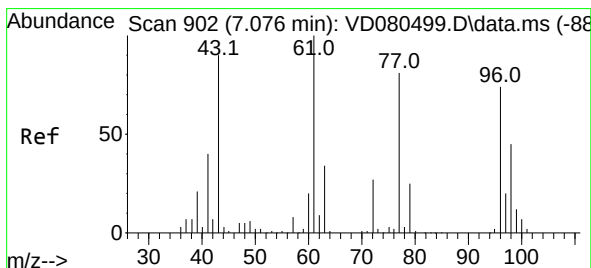
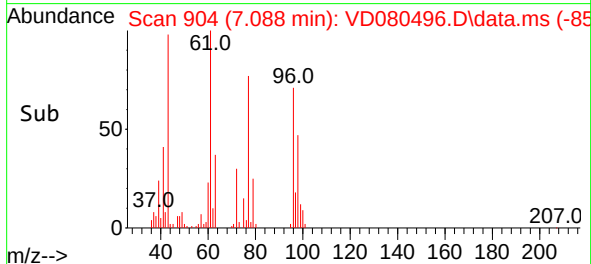
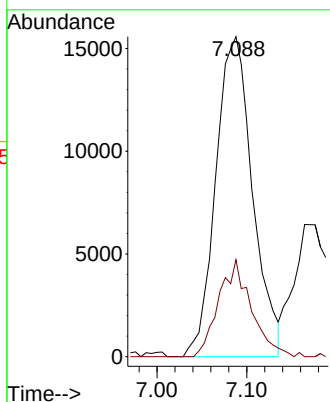
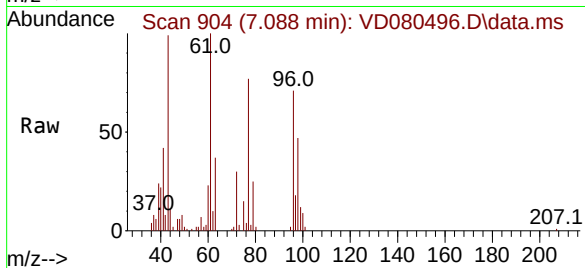




#25
2-Butanone
Concen: 26.482 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

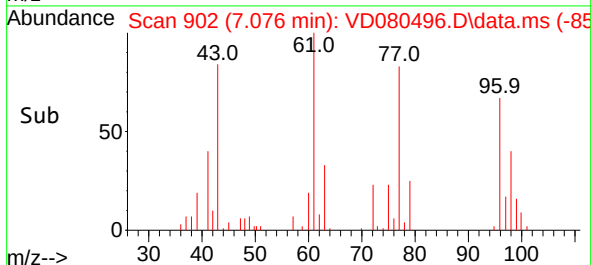
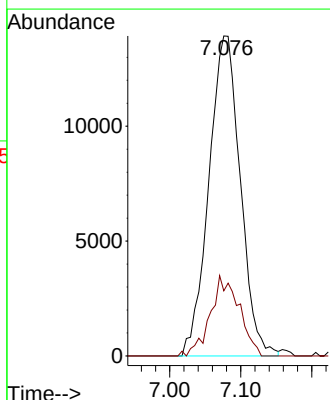
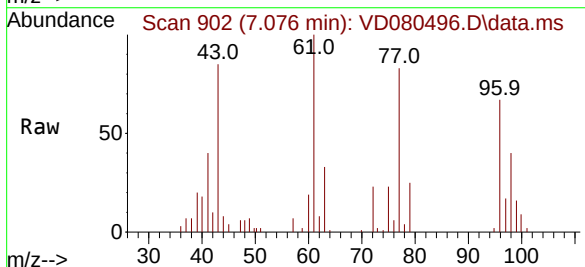
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

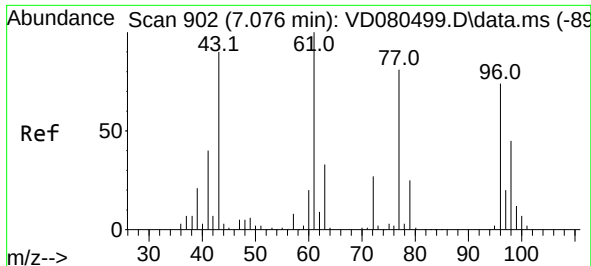
Tgt Ion: 43 Resp: 44354
Ion Ratio Lower Upper
43 100
72 30.3 22.8 34.2



#26
2,2-Dichloropropane
Concen: 5.351 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 77 Resp: 42835
Ion Ratio Lower Upper
77 100
97 23.0 12.4 37.0



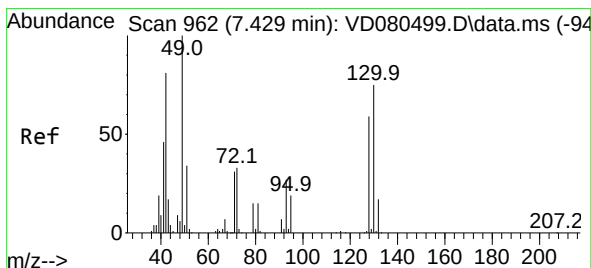
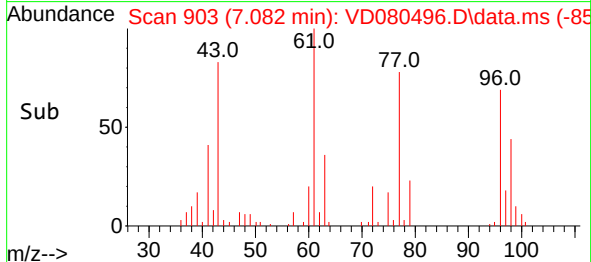
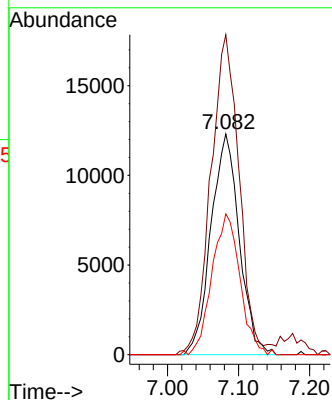
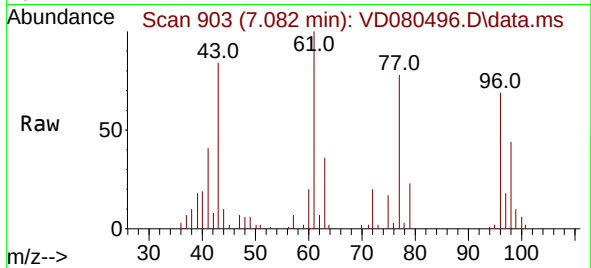


#27
 cis-1,2-Dichloroethene
 Concen: 5.088 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.006 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 33994

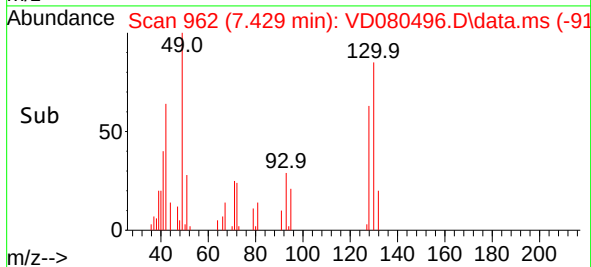
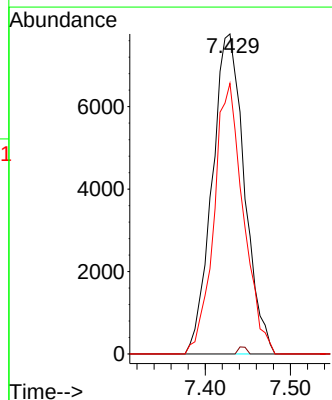
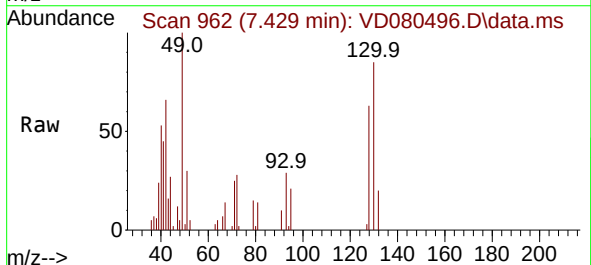
Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	275.2
98	63.3	0.0	128.8

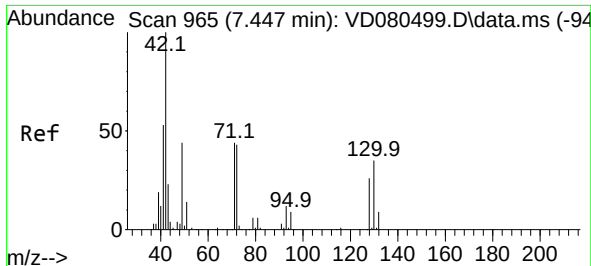


#28
 Bromochloromethane
 Concen: 4.967 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

Tgt Ion: 49 Resp: 20466

Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.0
130	77.0	61.1	91.7





#29

Tetrahydrofuran

Concen: 26.476 ug/l

RT: 7.453 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

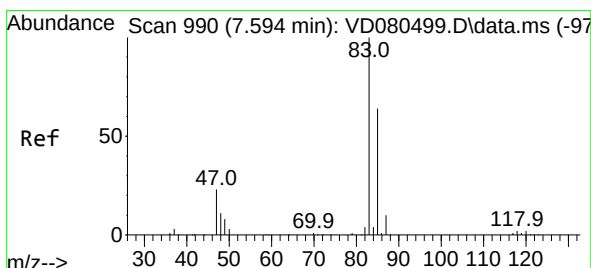
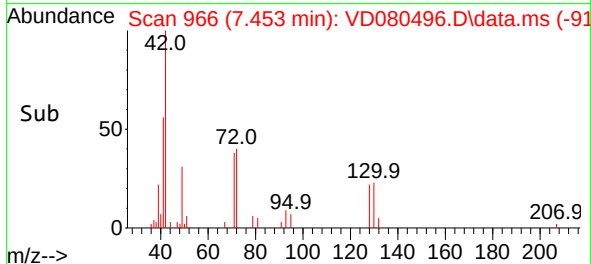
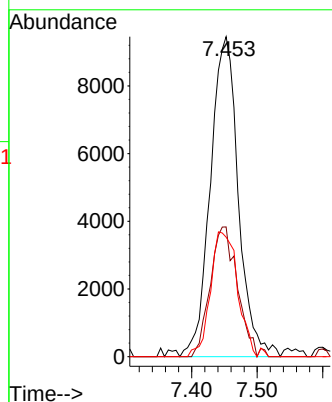
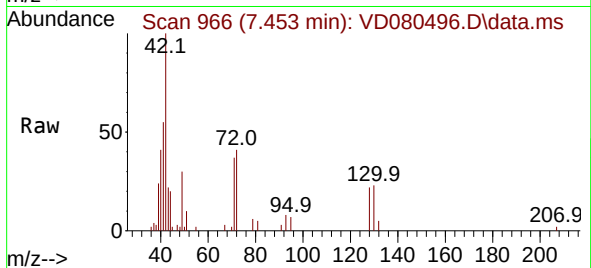
Tgt Ion: 42 Resp: 28021

Ion Ratio Lower Upper

42 100

72 39.7 34.7 52.1

71 37.6 32.9 49.3



#30

Chloroform

Concen: 5.156 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.006 min

Lab File: VD080496.D

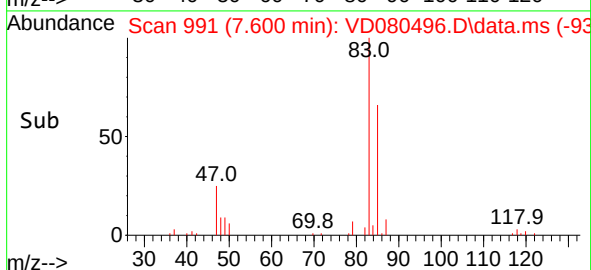
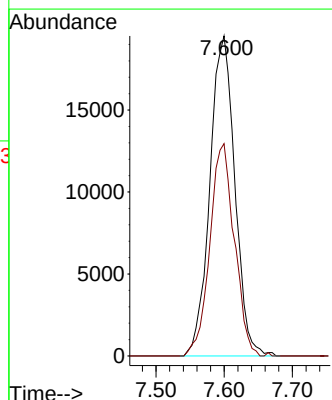
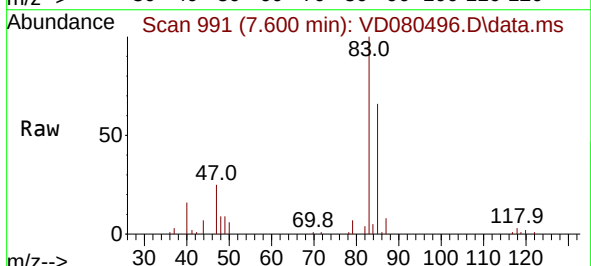
Acq: 27 Aug 2025 09:14

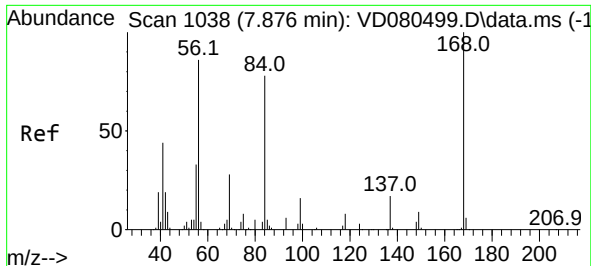
Tgt Ion: 83 Resp: 49846

Ion Ratio Lower Upper

83 100

85 66.3 51.2 76.8

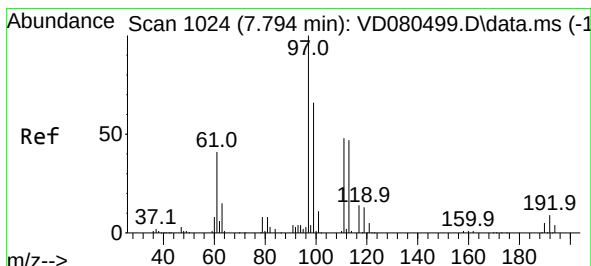
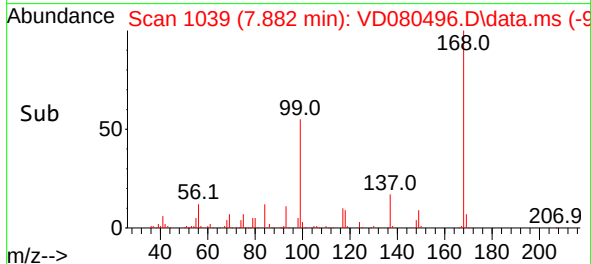
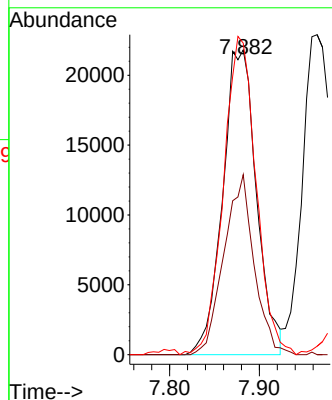
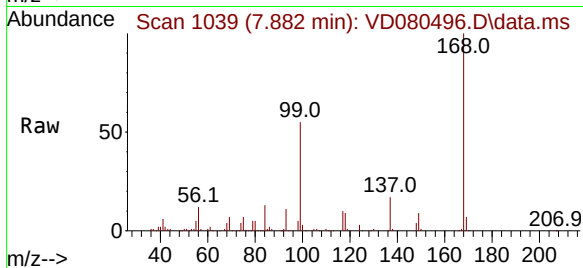




#31
Cyclohexane
Concen: 6.032 ug/l
RT: 7.882 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

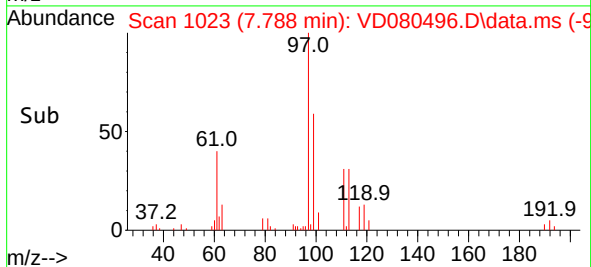
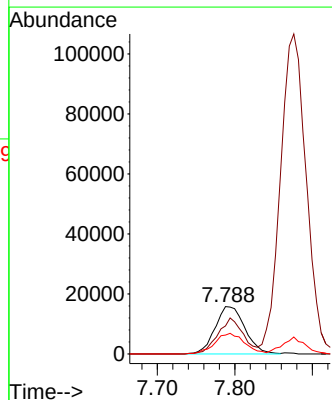
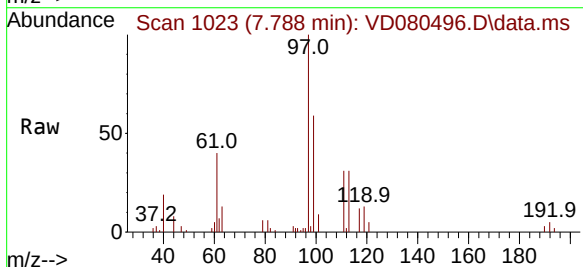
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

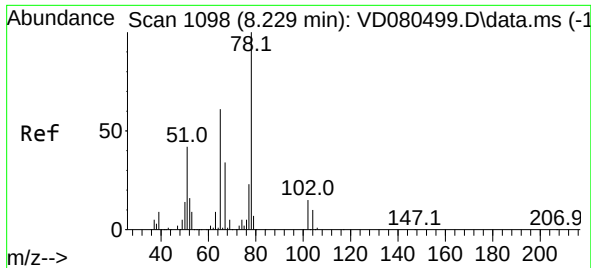
Tgt Ion: 56 Resp: 57089
Ion Ratio Lower Upper
56 100
69 59.0 26.0 39.0#
84 102.2 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 5.274 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 97 Resp: 42456
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 43.3 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 4.763 ug/l

RT: 8.235 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

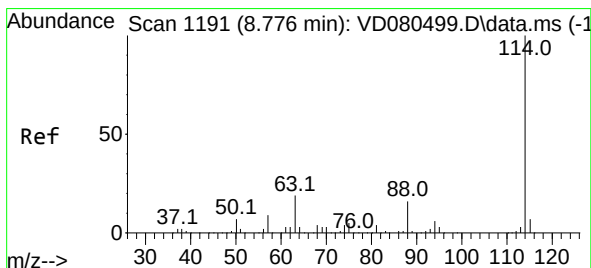
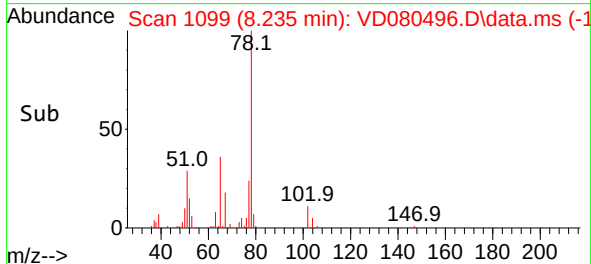
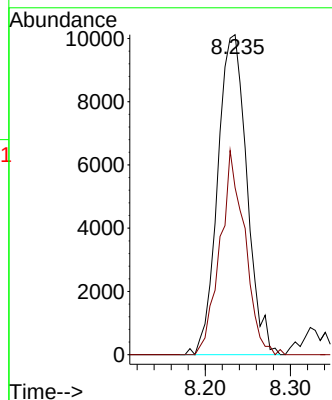
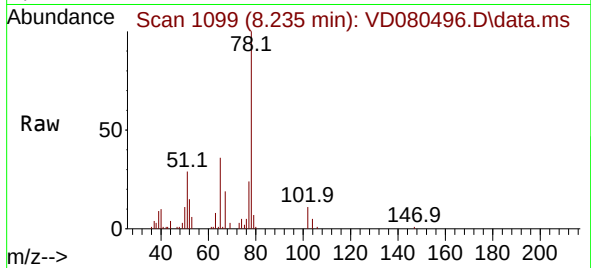
VSTDIC005

Tgt Ion: 65 Resp: 24064

Ion Ratio Lower Upper

65 100

67 54.6 0.0 113.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

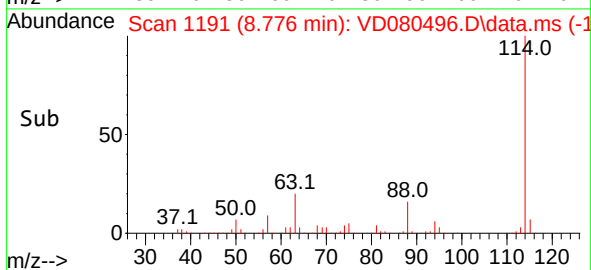
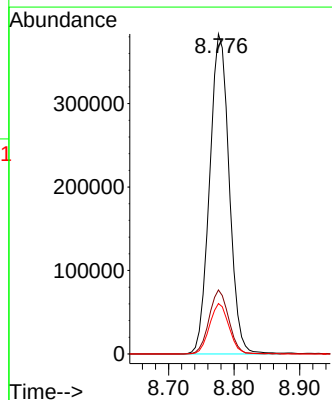
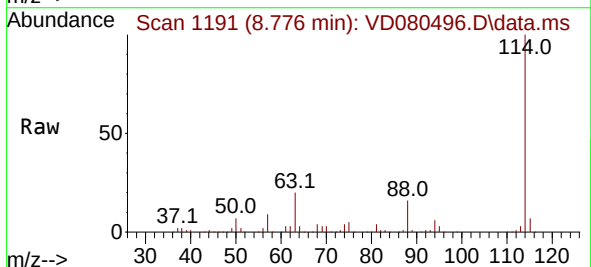
Tgt Ion: 114 Resp: 794201

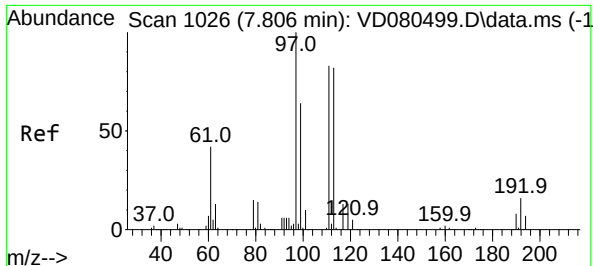
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 3.235 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

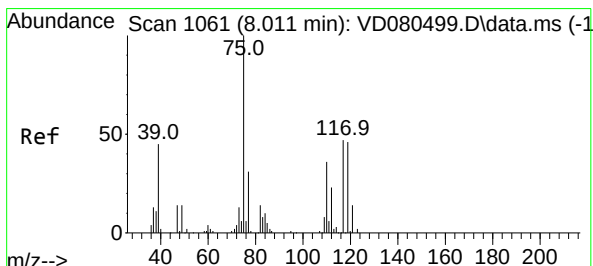
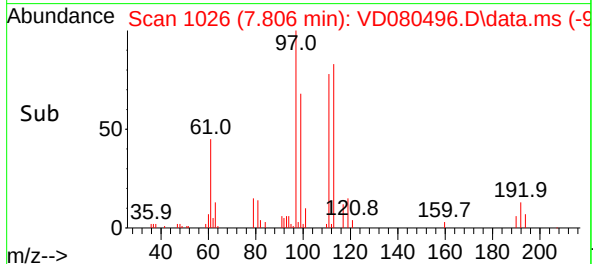
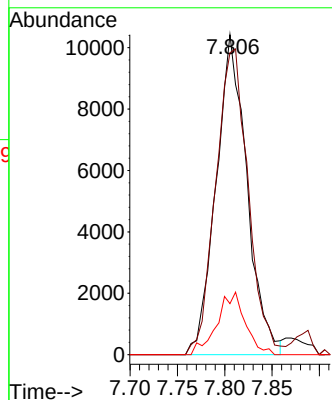
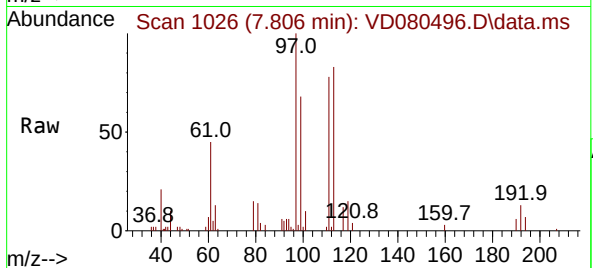
Tgt Ion:113 Resp: 23592

Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

192 18.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.542 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

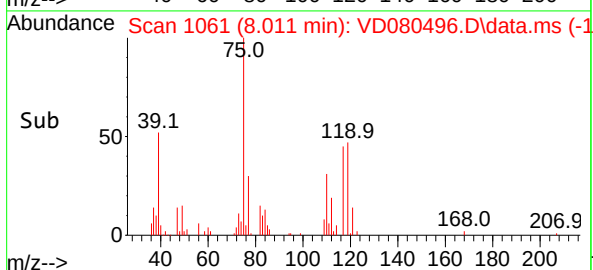
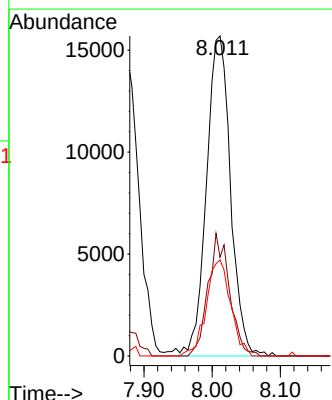
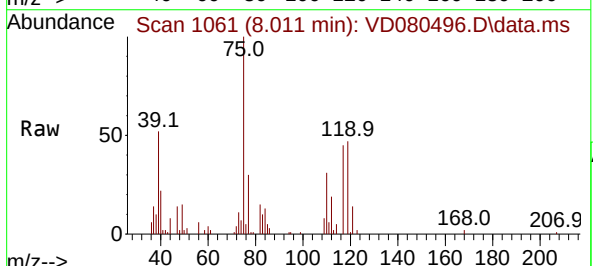
Tgt Ion: 75 Resp: 38571

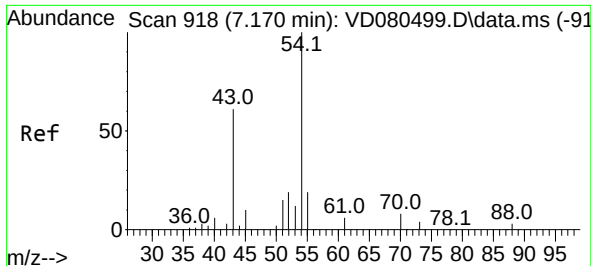
Ion Ratio Lower Upper

75 100

110 34.2 18.1 54.1

77 30.4 25.7 38.5





#37

Ethyl Acetate

Concen: 5.145 ug/l

RT: 7.164 min Scan# 918

Delta R.T. -0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

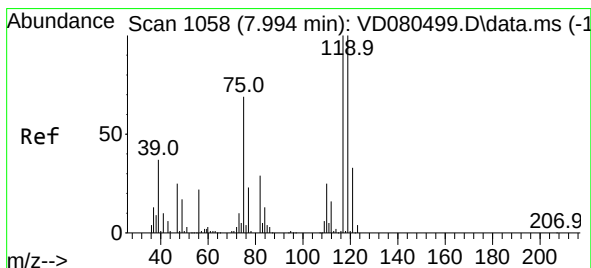
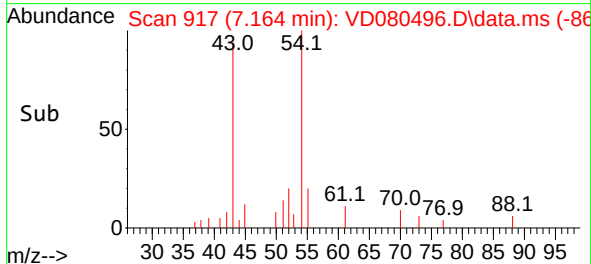
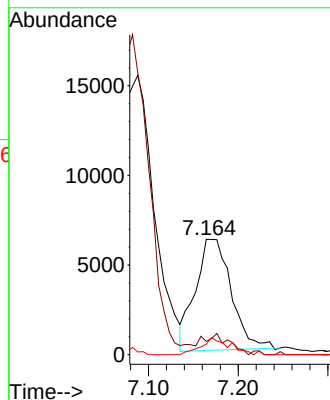
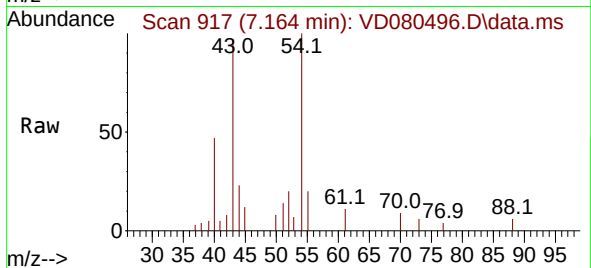
Tgt Ion: 43 Resp: 17218

Ion Ratio Lower Upper

43 100

61 13.5 11.8 17.8

70 12.1 9.0 13.4



#38

Carbon Tetrachloride

Concen: 5.375 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

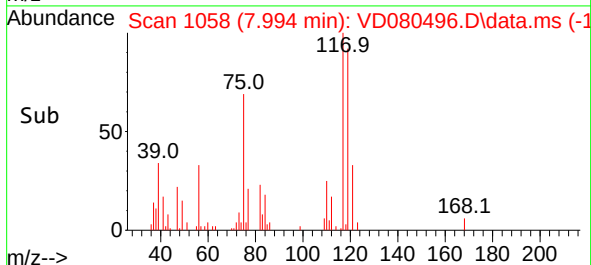
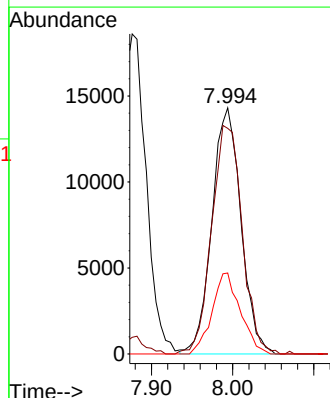
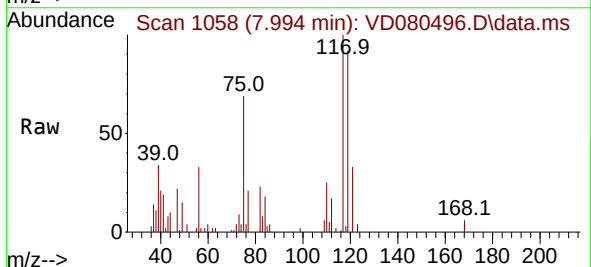
Tgt Ion: 117 Resp: 35604

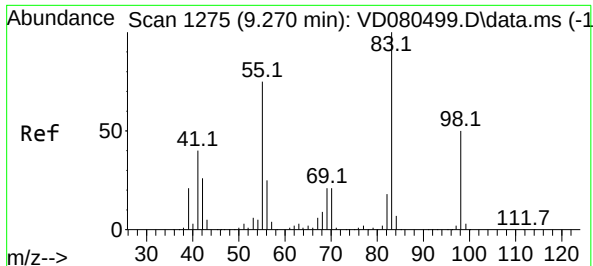
Ion Ratio Lower Upper

117 100

119 91.7 80.2 120.2

121 32.9 26.8 40.2





#39

Methylcyclohexane

Concen: 5.504 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

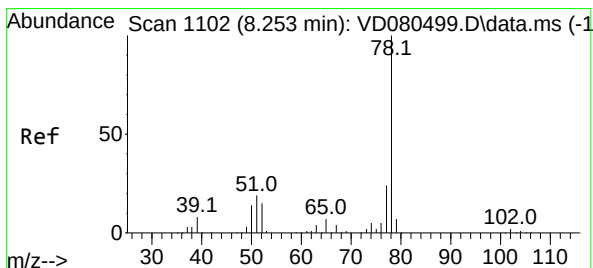
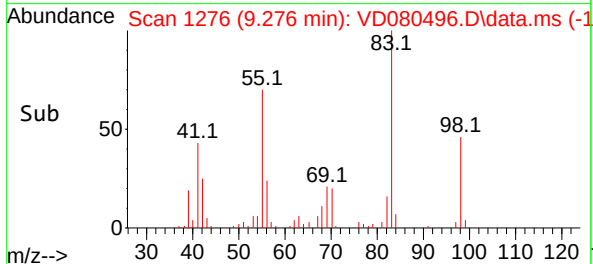
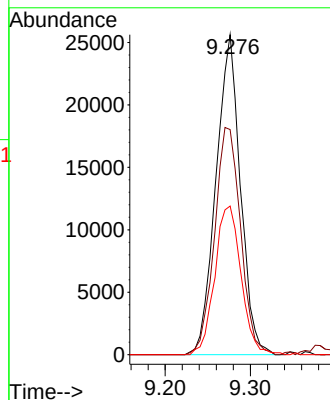
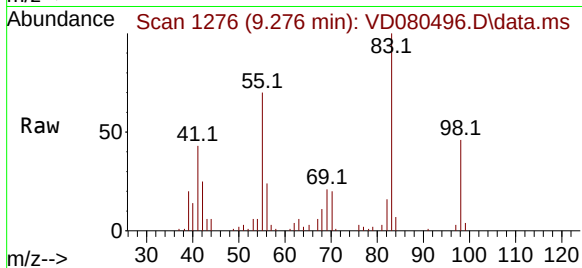
Tgt Ion: 83 Resp: 50984

Ion Ratio Lower Upper

83 100

55 70.4 60.4 90.6

98 46.5 39.8 59.6



#40

Benzene

Concen: 5.387 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080496.D

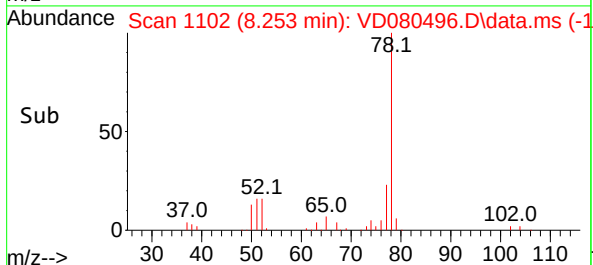
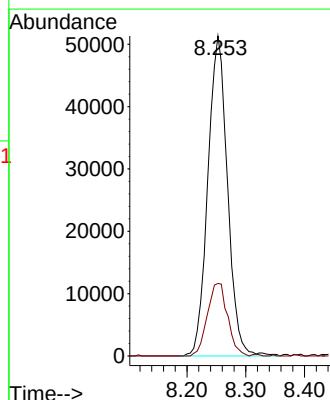
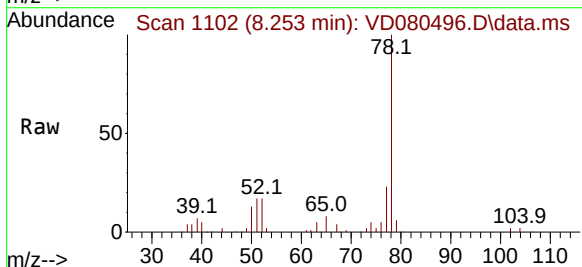
Acq: 27 Aug 2025 09:14

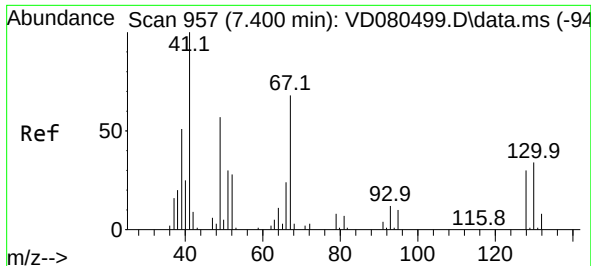
Tgt Ion: 78 Resp: 119326

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

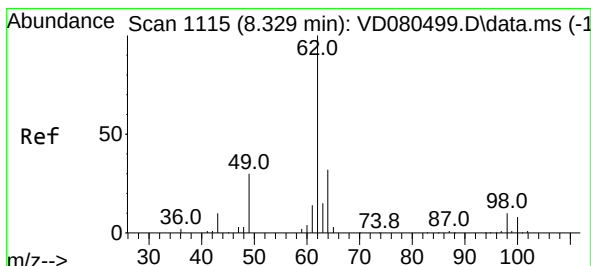
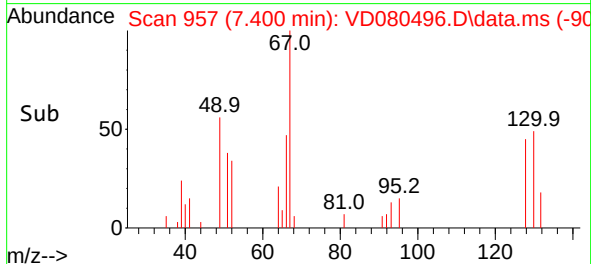
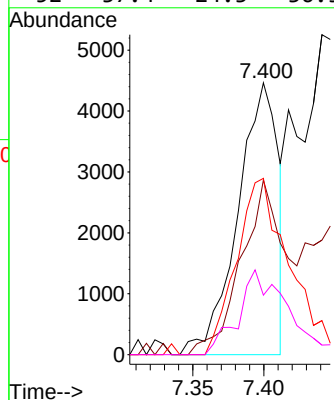
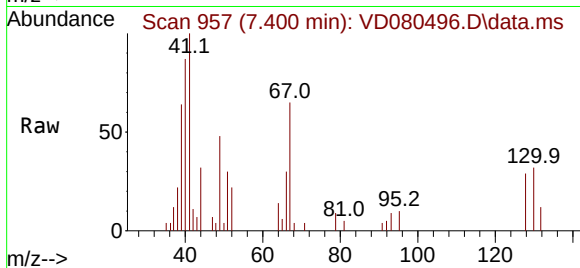




#41
Methacrylonitrile
Concen: 4.456 ug/l
RT: 7.400 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

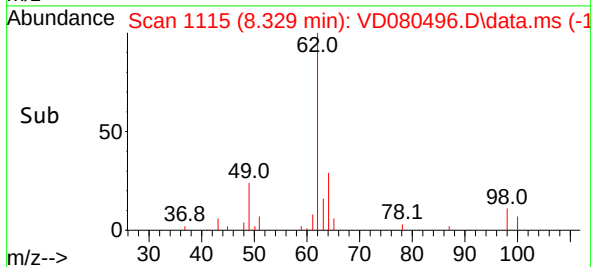
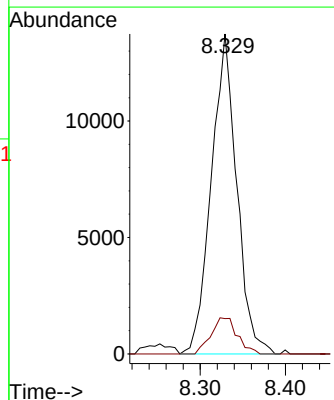
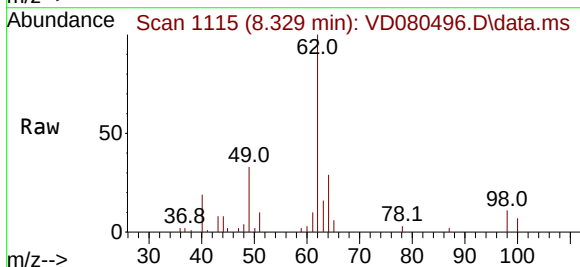
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

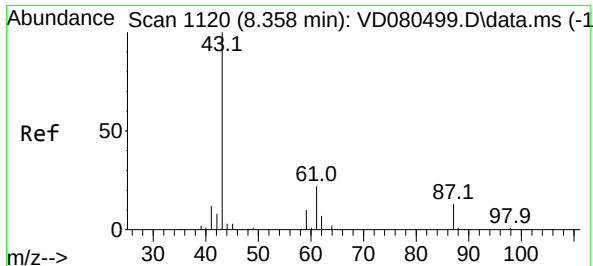
Tgt Ion:	41	Resp:	8854
Ion	Ratio	Lower	Upper
41	100		
39	69.8	50.1	75.1
67	84.6	60.8	91.2
52	37.4	24.3	36.5



#42
1,2-Dichloroethane
Concen: 5.319 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion:	62	Resp:	28538
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	22.0

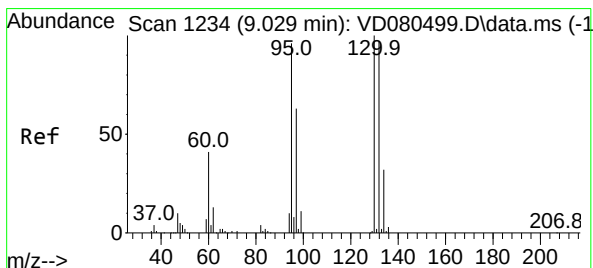
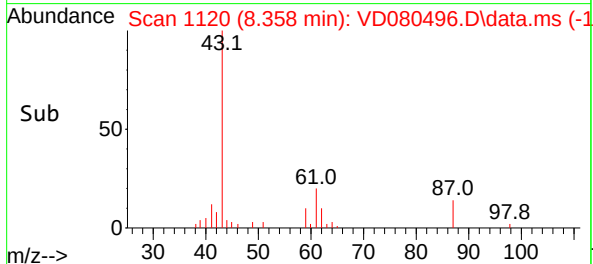
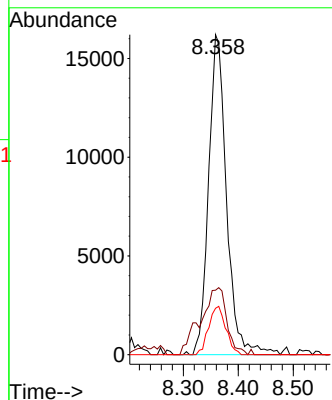
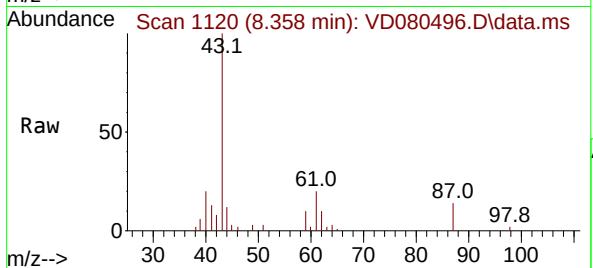




#43
Isopropyl Acetate
Concen: 5.392 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

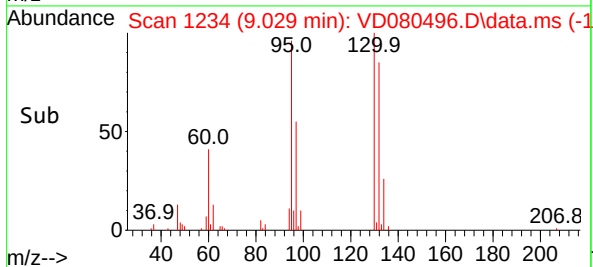
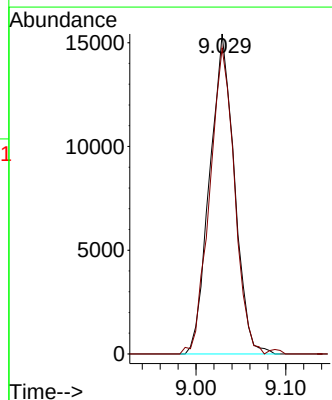
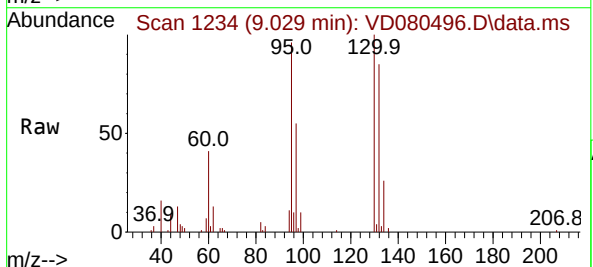
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

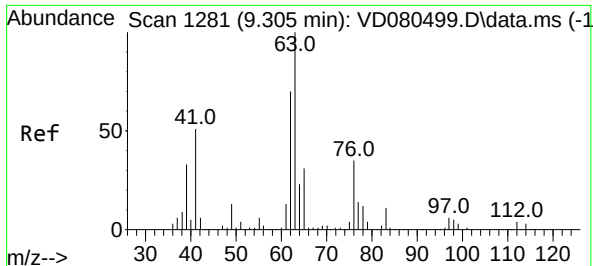
Tgt Ion: 43 Resp: 36718
Ion Ratio Lower Upper
43 100
61 30.5 24.3 36.5
87 14.5 10.9 16.3



#44
Trichloroethene
Concen: 5.498 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 130 Resp: 29545
Ion Ratio Lower Upper
130 100
95 95.7 0.0 191.8





#45

1,2-Dichloropropane

Concen: 5.392 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

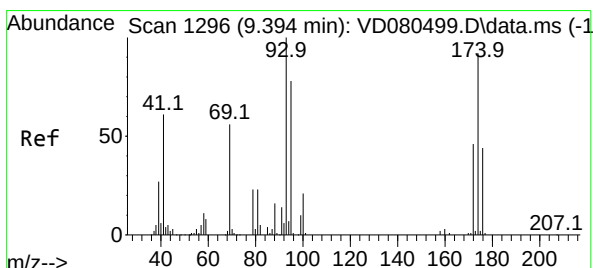
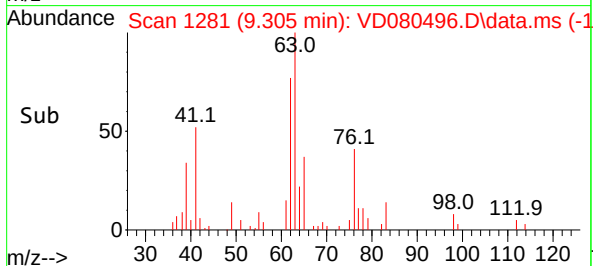
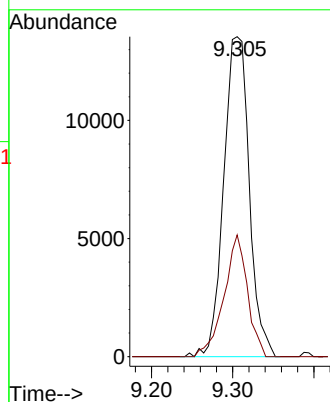
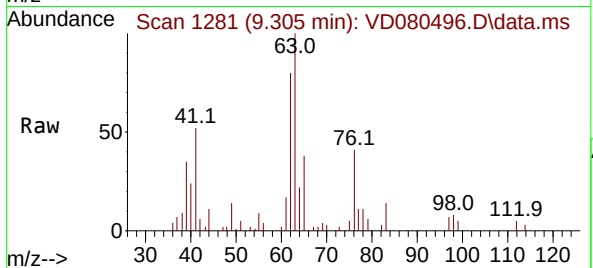
VSTDIC005

Tgt Ion: 63 Resp: 29620

Ion Ratio Lower Upper

63 100

65 38.1 24.9 37.3#



#46

Dibromomethane

Concen: 5.174 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

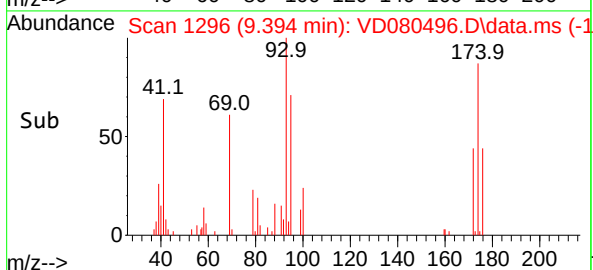
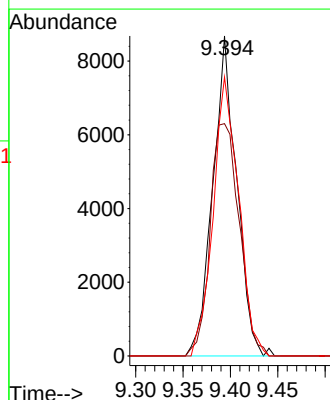
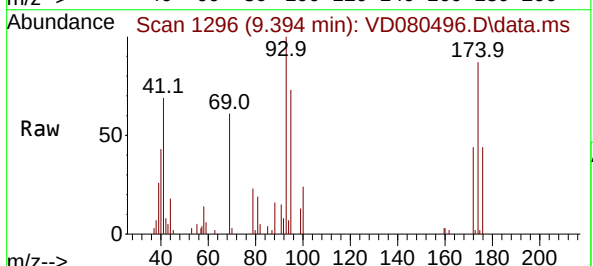
Tgt Ion: 93 Resp: 15227

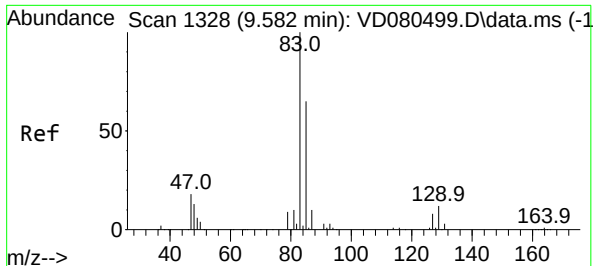
Ion Ratio Lower Upper

93 100

95 88.6 66.3 99.5

174 92.8 74.8 112.2





#47

Bromodichloromethane

Concen: 5.066 ug/l

RT: 9.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

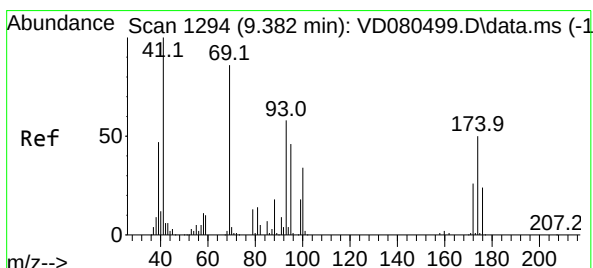
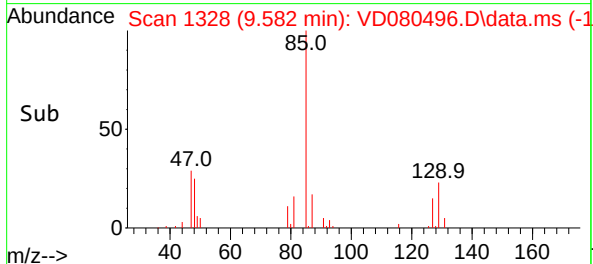
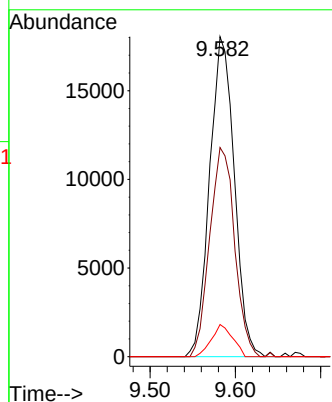
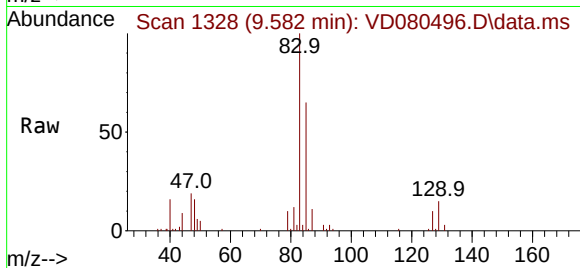
Tgt Ion: 83 Resp: 36345

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.2

127 10.0 6.6 9.8



#48

Methyl methacrylate

Concen: 5.385 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

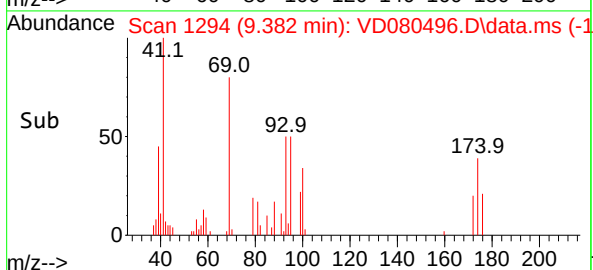
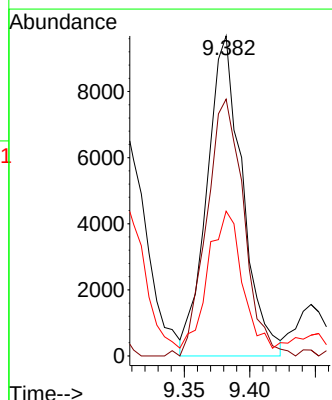
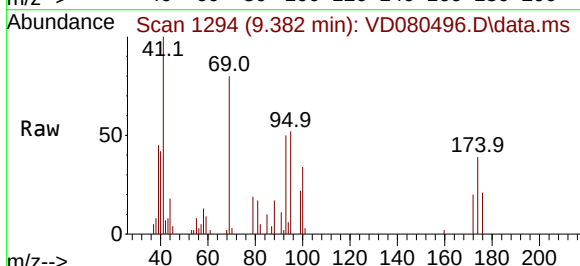
Tgt Ion: 41 Resp: 18176

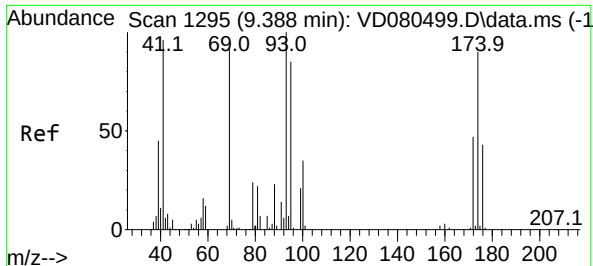
Ion Ratio Lower Upper

41 100

69 83.9 68.7 103.1

39 45.8 36.5 54.7





#49

1,4-Dioxane

Concen: 98.480 ug/l

RT: 9.376 min Scan# 1295

Delta R.T. -0.012 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

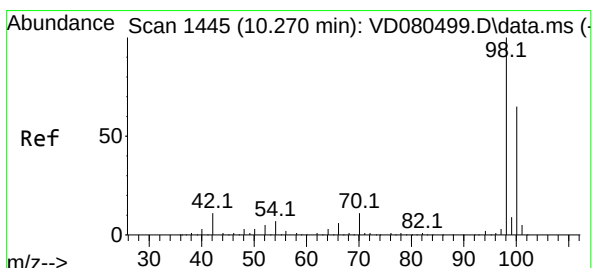
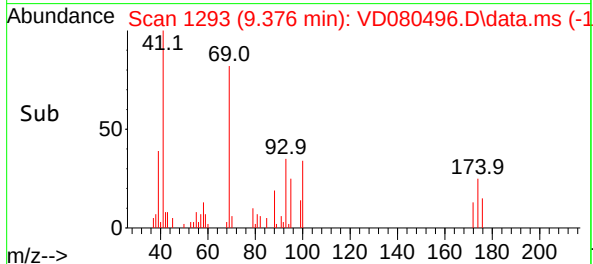
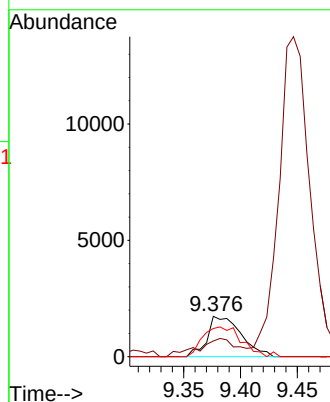
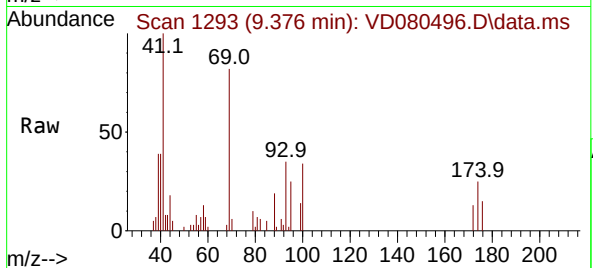
Tgt Ion: 88 Resp: 3583

Ion Ratio Lower Upper

88 100

43 51.7 26.1 39.1#

58 85.7 54.2 81.2#



#50

Toluene-d8

Concen: 3.649 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080496.D

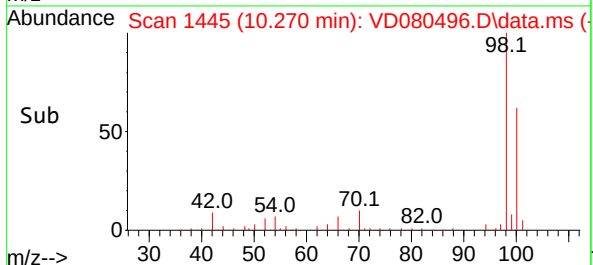
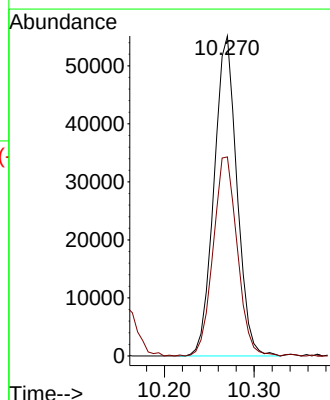
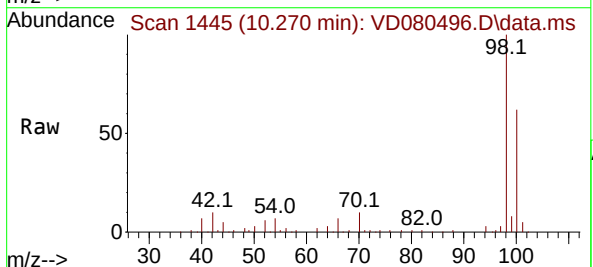
Acq: 27 Aug 2025 09:14

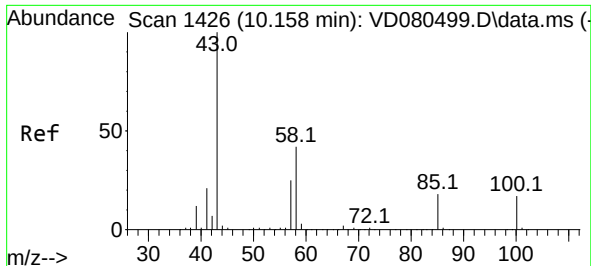
Tgt Ion: 98 Resp: 97744

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 26.777 ug/l

RT: 10.153 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

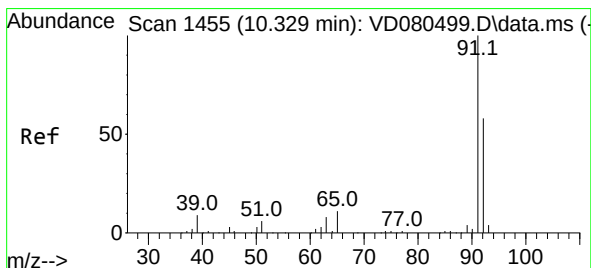
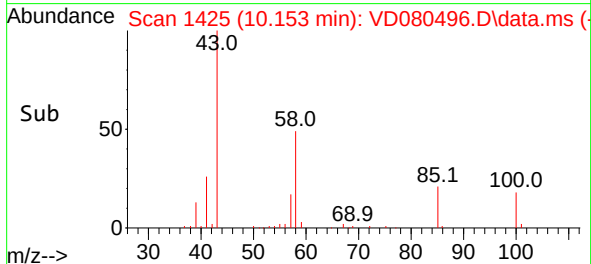
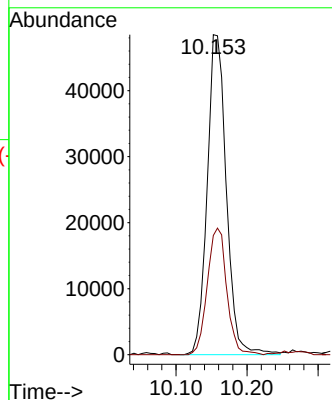
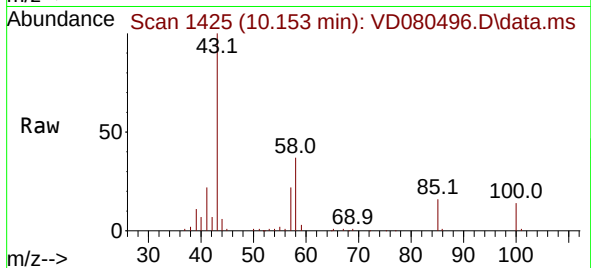
VSTDIC005

Tgt Ion: 43 Resp: 90932

Ion Ratio Lower Upper

43 100

58 40.1 32.8 49.2



#52

Toluene

Concen: 5.428 ug/l

RT: 10.335 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VD080496.D

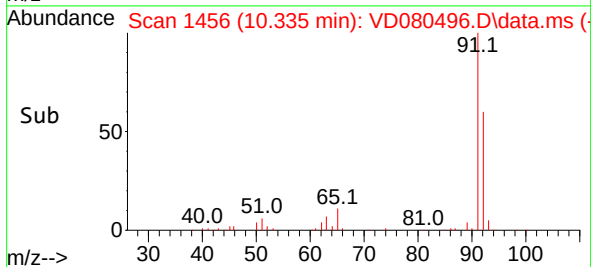
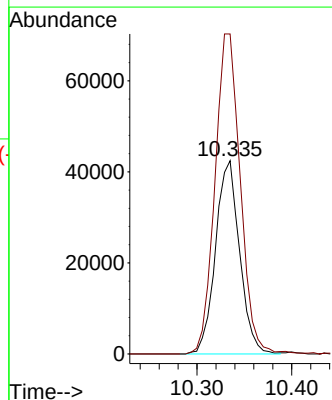
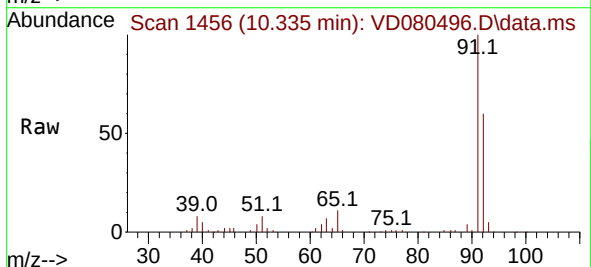
Acq: 27 Aug 2025 09:14

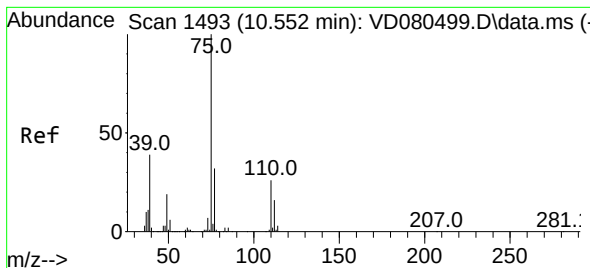
Tgt Ion: 92 Resp: 74975

Ion Ratio Lower Upper

92 100

91 174.6 138.8 208.2

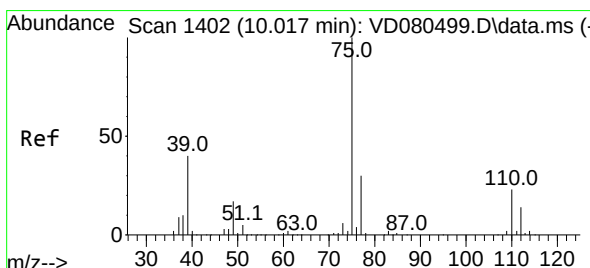
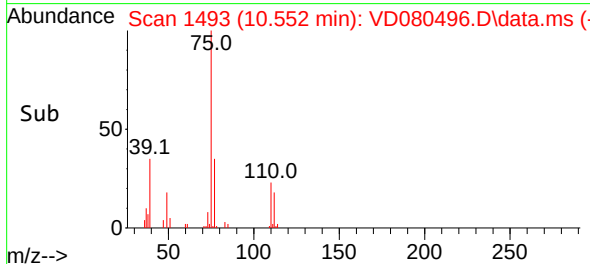
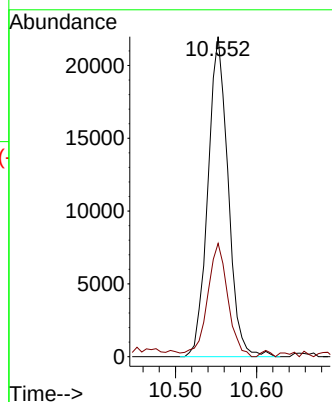
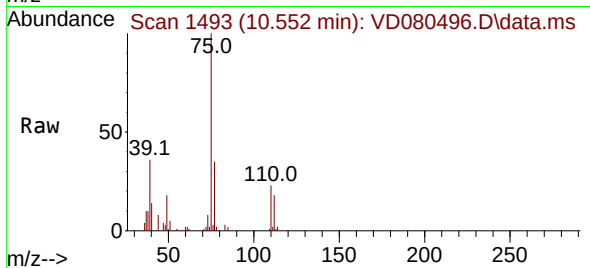




#53
 t-1,3-Dichloropropene
 Concen: 5.186 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

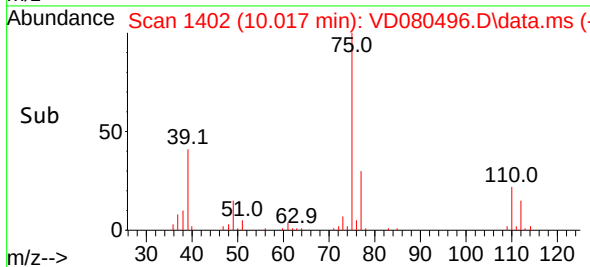
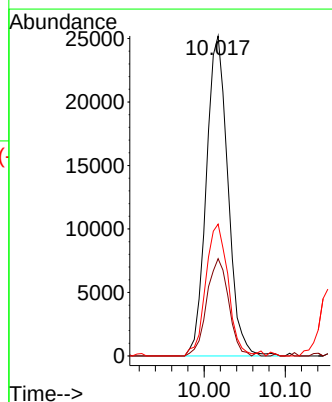
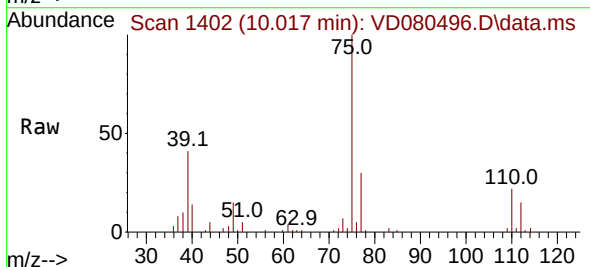
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

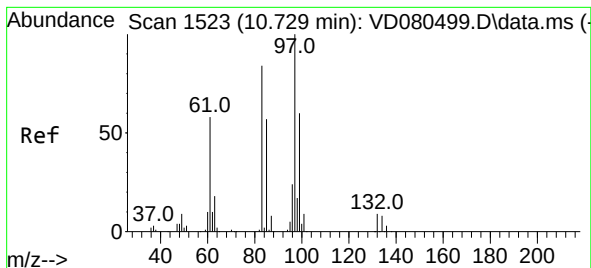
Tgt Ion: 75 Resp: 37922
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 5.332 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

Tgt Ion: 75 Resp: 46626
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.2 36.4
 39 41.2 31.8 47.6

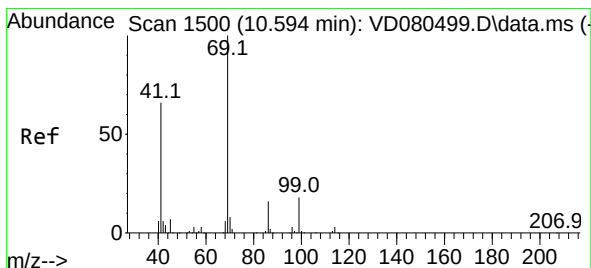
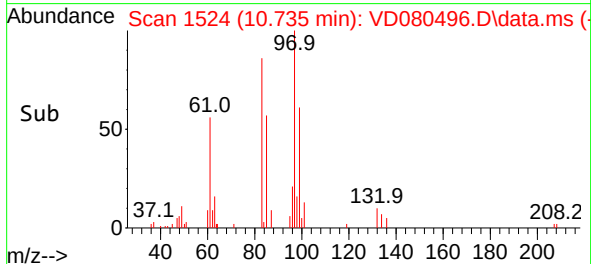
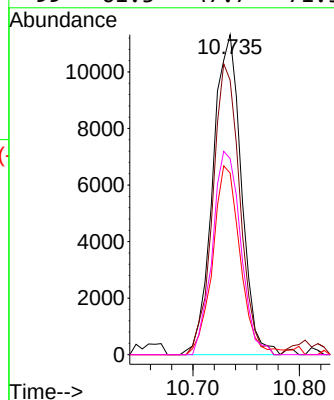
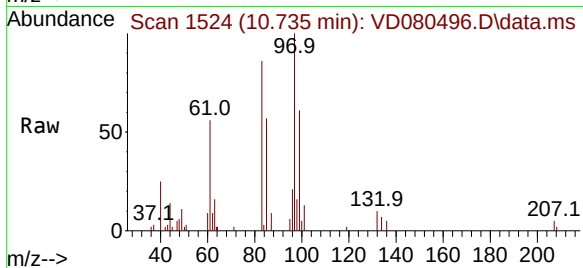




#55
1,1,2-Trichloroethane
Concen: 5.322 ug/l
RT: 10.735 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

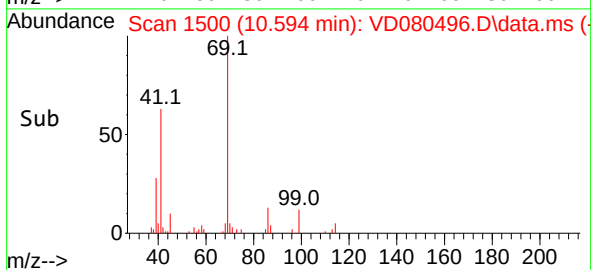
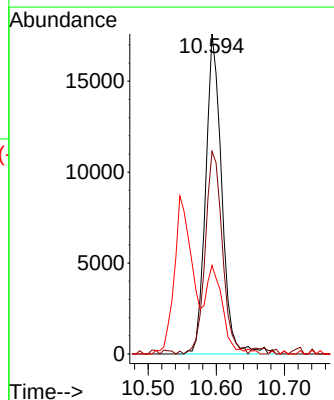
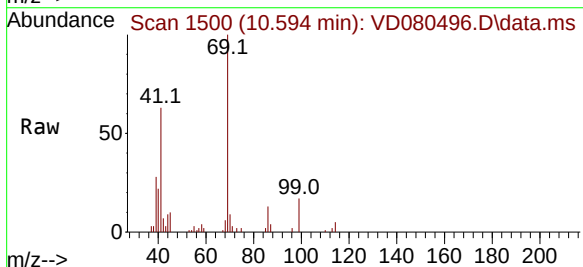
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

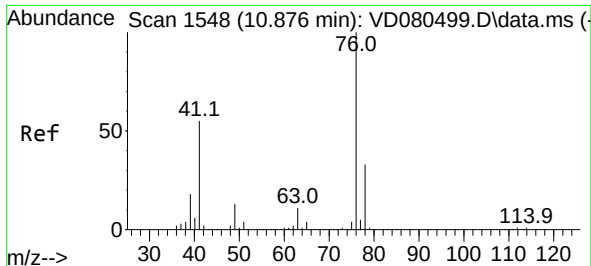
Tgt Ion:	97	Resp:	21000
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.0	100.6
85	56.7	45.6	68.4
99	61.3	47.7	71.5



#56
Ethyl methacrylate
Concen: 5.255 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion:	69	Resp:	28887
Ion	Ratio	Lower	Upper
69	100		
41	67.8	51.9	77.9
39	27.3	23.6	35.4





#57

1,3-Dichloropropane

Concen: 5.312 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

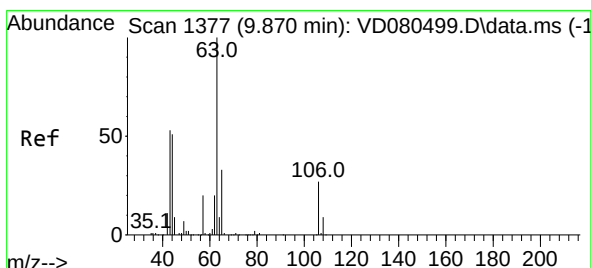
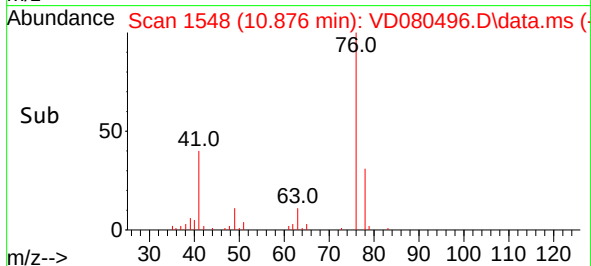
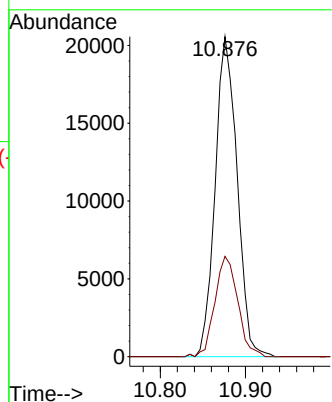
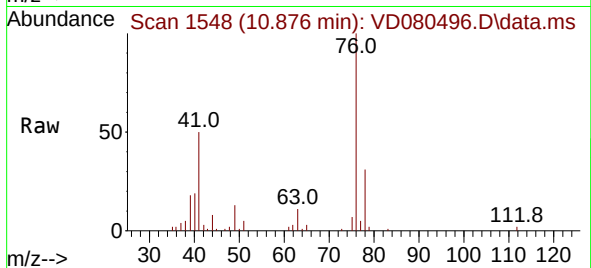
VSTDIC005

Tgt Ion: 76 Resp: 36786

Ion Ratio Lower Upper

76 100

78 32.6 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 25.244 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080496.D

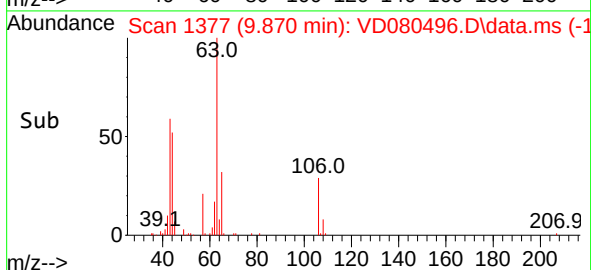
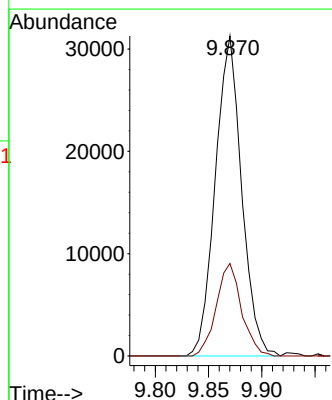
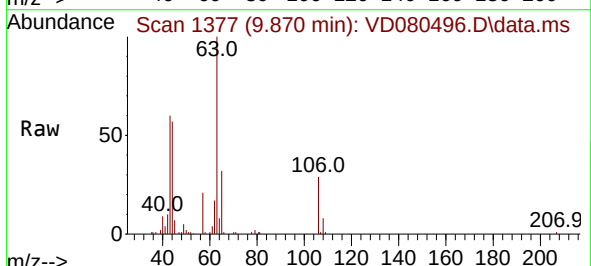
Acq: 27 Aug 2025 09:14

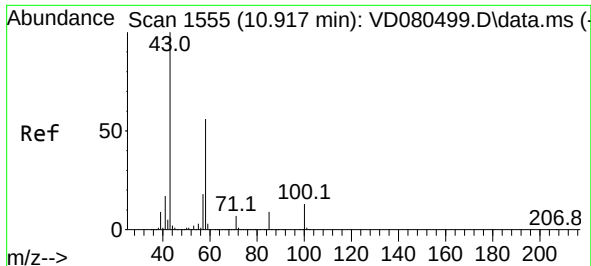
Tgt Ion: 63 Resp: 53705

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1

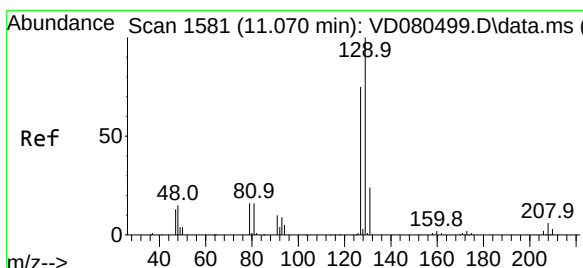
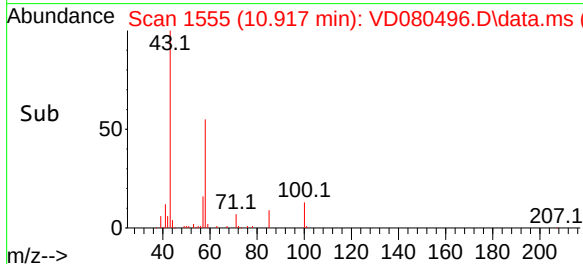
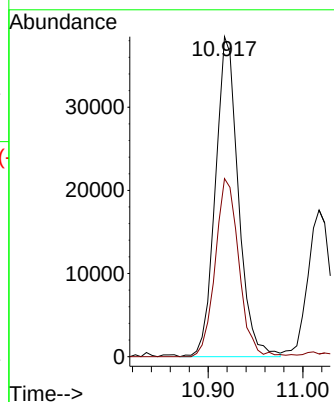
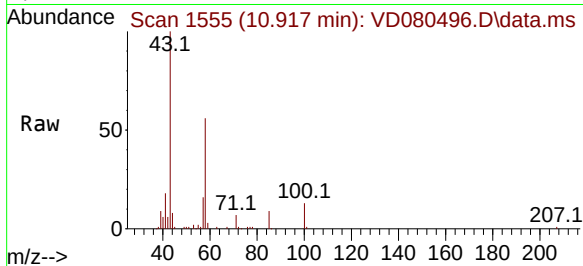




#59
2-Hexanone
Concen: 26.916 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

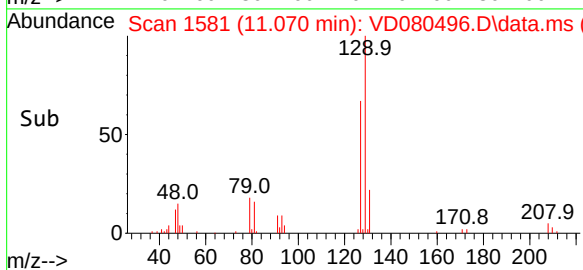
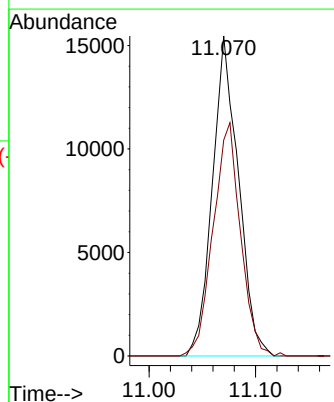
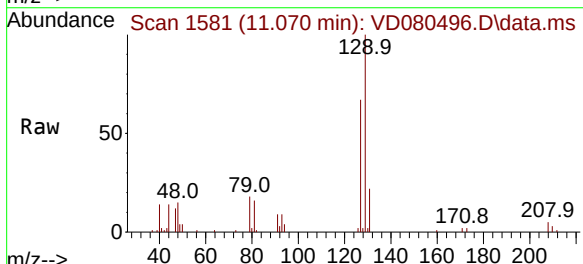
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

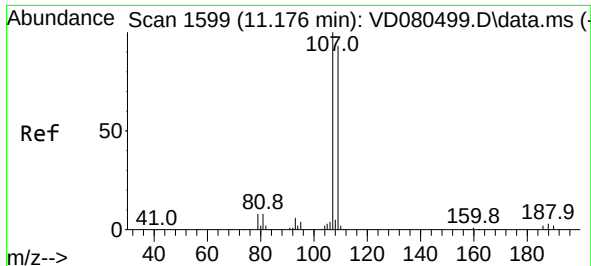
Tgt Ion: 43 Resp: 64945
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0



#60
Dibromochloromethane
Concen: 5.275 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 129 Resp: 26229
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7

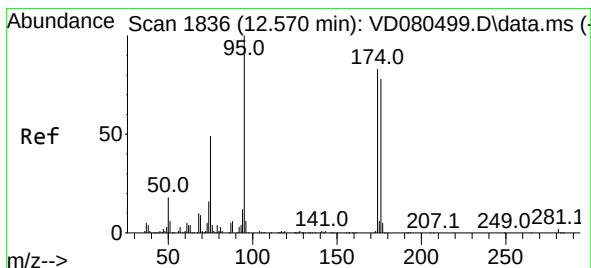
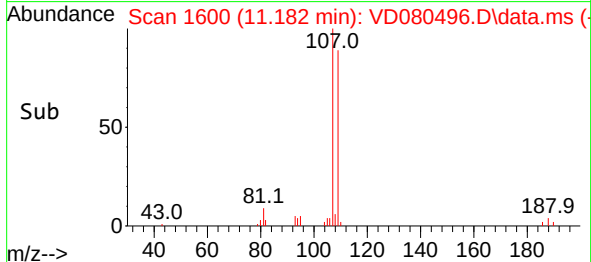
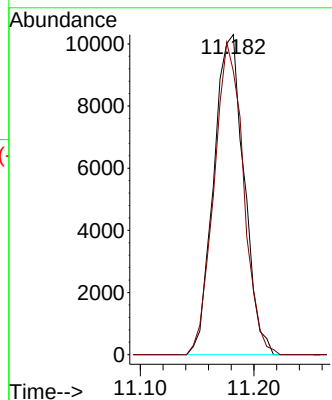
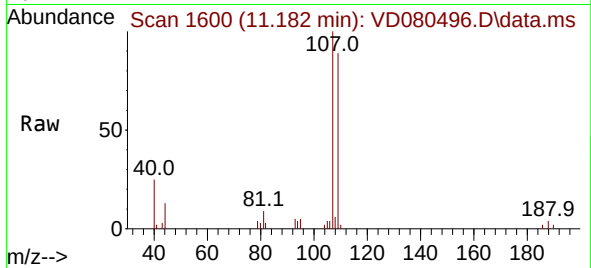




#61
1,2-Dibromoethane
Concen: 5.076 ug/l
RT: 11.182 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

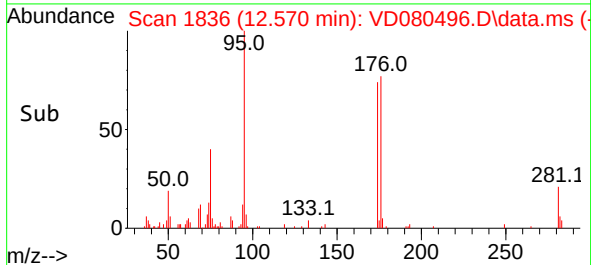
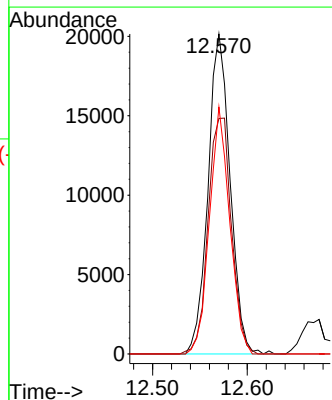
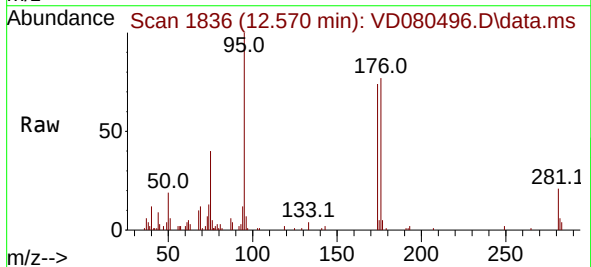
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

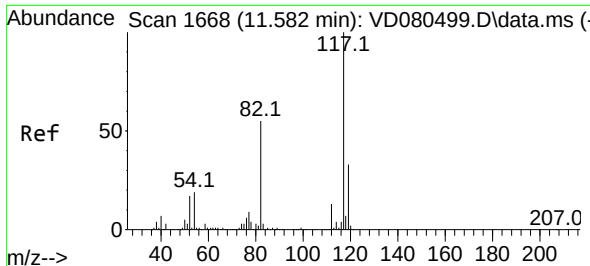
Tgt Ion:107 Resp: 19058
Ion Ratio Lower Upper
107 100
109 95.0 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 3.146 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 95 Resp: 32652
Ion Ratio Lower Upper
95 100
174 78.2 0.0 162.6
176 70.9 0.0 156.0

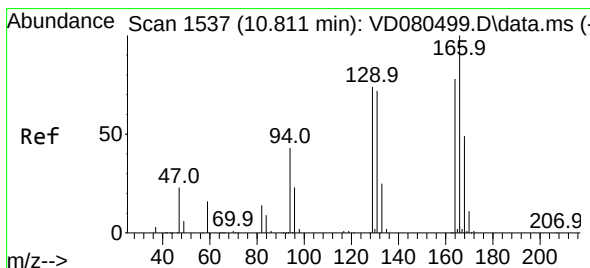
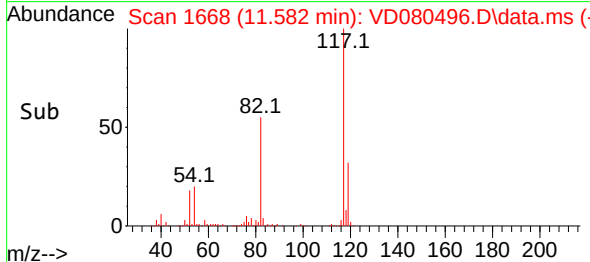
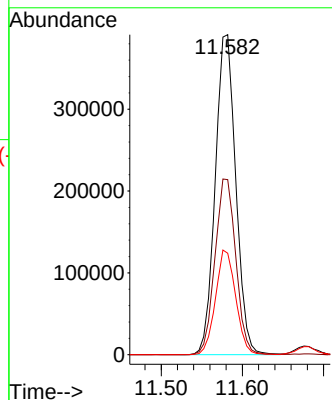
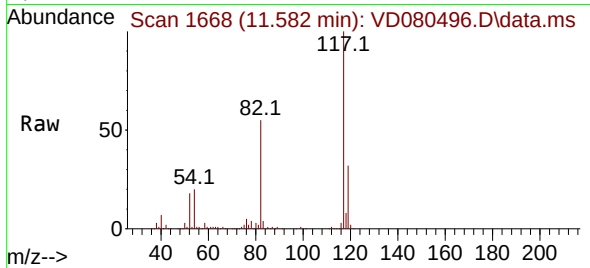




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

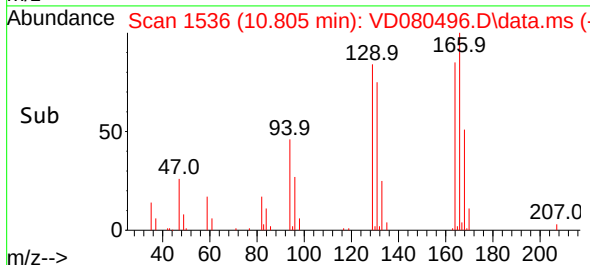
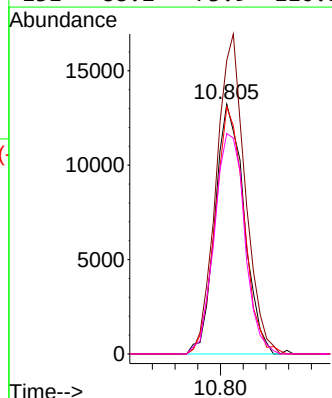
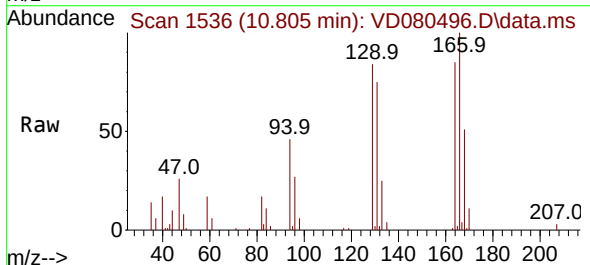
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

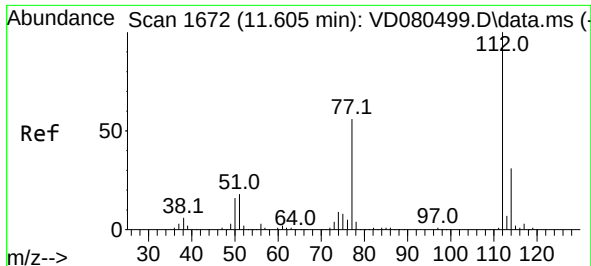
Tgt Ion:117 Resp: 689417
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.6
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 5.516 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion:164 Resp: 23484
Ion Ratio Lower Upper
164 100
166 117.5 103.1 154.7
129 98.8 76.2 114.2
131 88.2 73.9 110.9

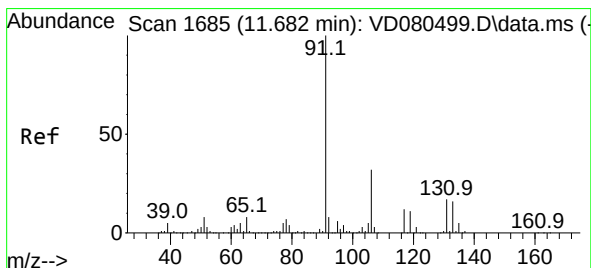
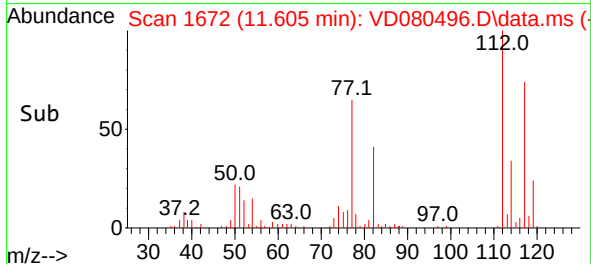
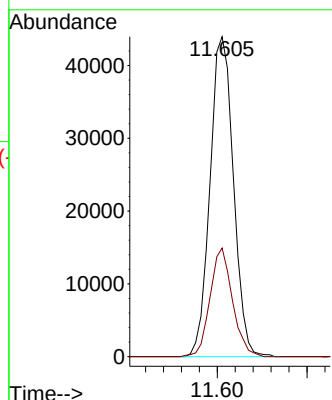
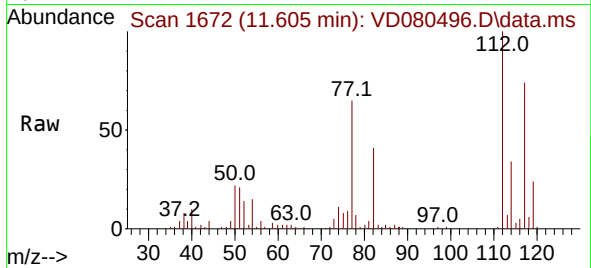




#65
Chlorobenzene
Concen: 5.418 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

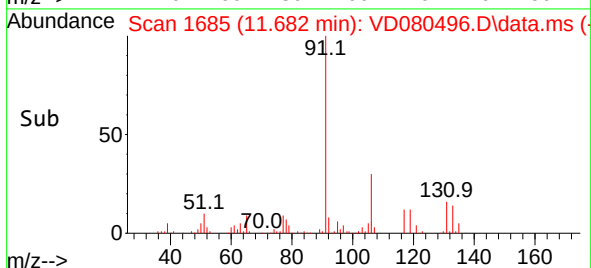
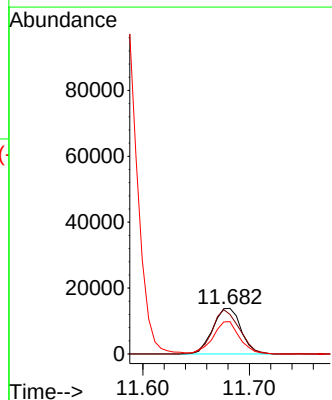
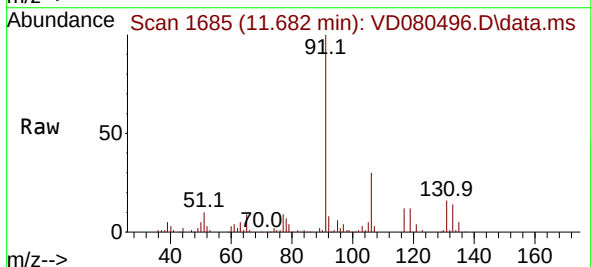
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

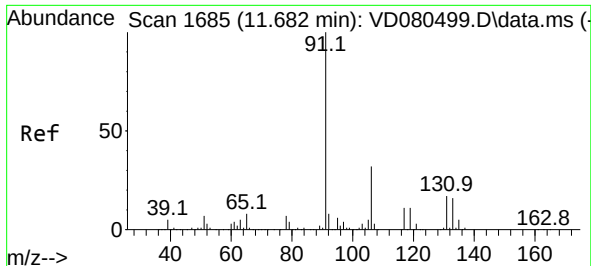
Tgt Ion:112 Resp: 79593
Ion Ratio Lower Upper
112 100
114 33.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.393 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion:131 Resp: 25272
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 67.5 34.6 103.9

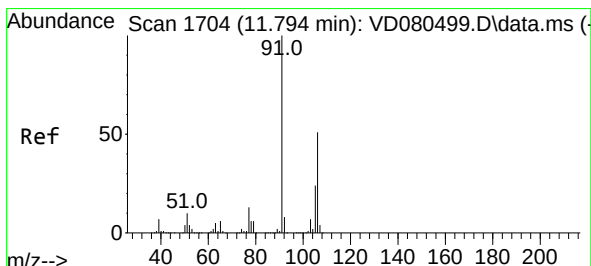
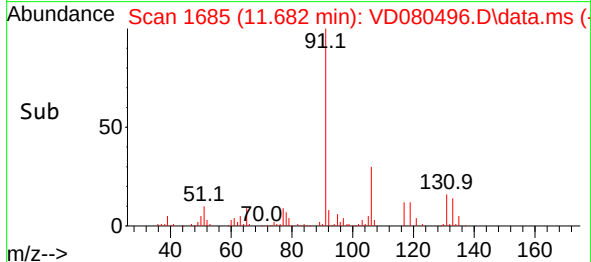
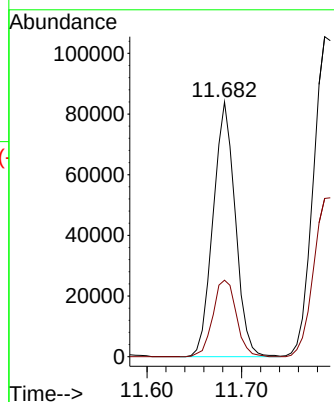
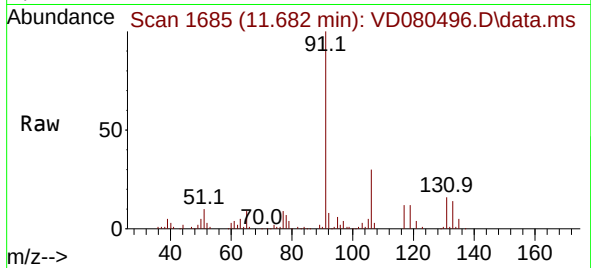




#67
Ethyl Benzene
Concen: 5.384 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

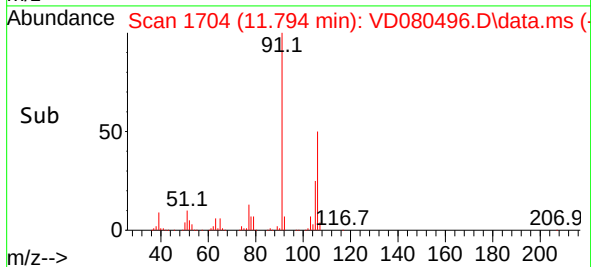
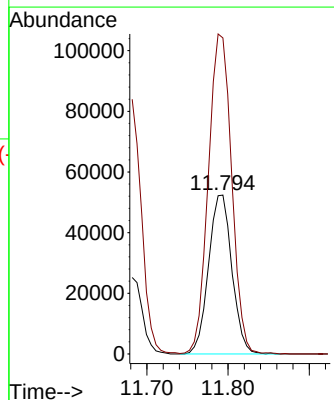
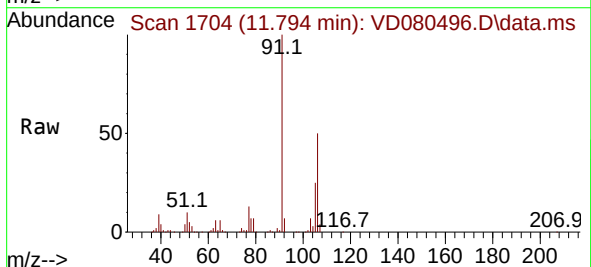
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

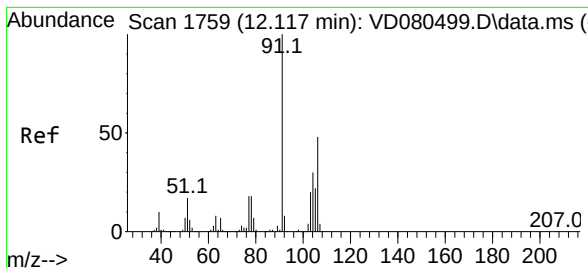
Tgt Ion: 91 Resp: 136904
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.0



#68
m/p-Xylenes
Concen: 10.692 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 106 Resp: 104681
Ion Ratio Lower Upper
106 100
91 201.1 158.5 237.7





#69

o-Xylene

Concen: 5.318 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

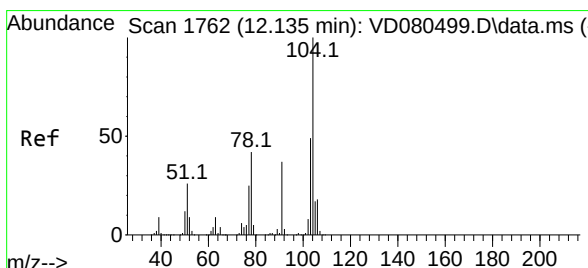
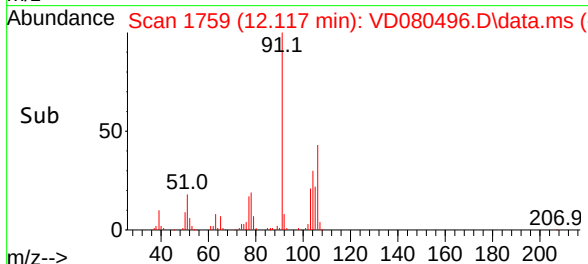
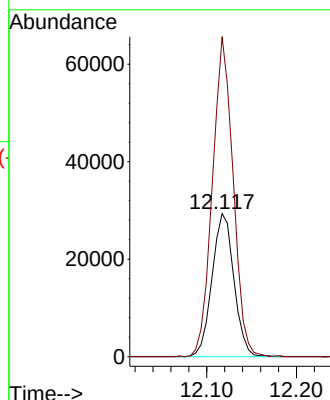
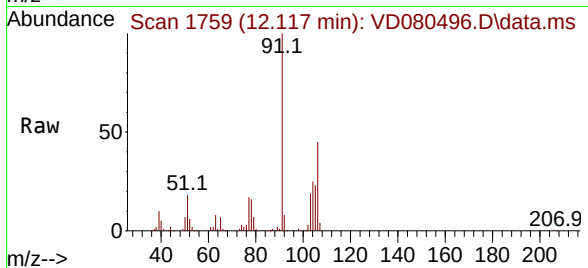
VSTDIC005

Tgt Ion:106 Resp: 49687

Ion Ratio Lower Upper

106 100

91 212.0 105.3 315.8



#70

Styrene

Concen: 5.301 ug/l

RT: 12.129 min Scan# 1761

Delta R.T. -0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

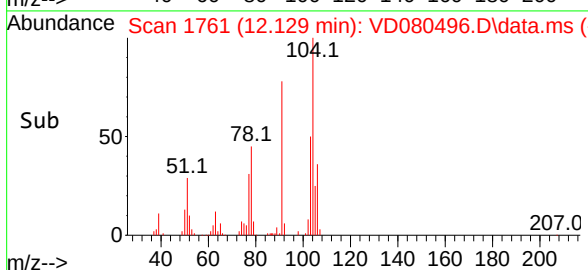
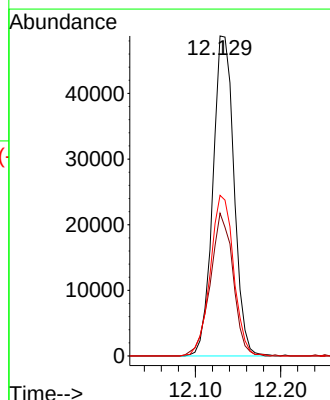
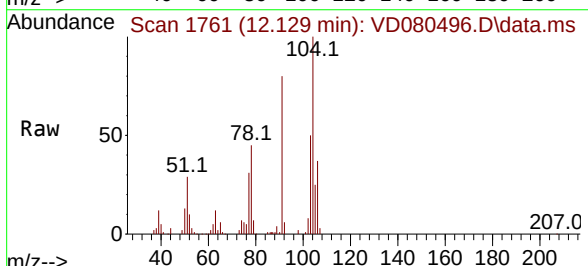
Tgt Ion:104 Resp: 84266

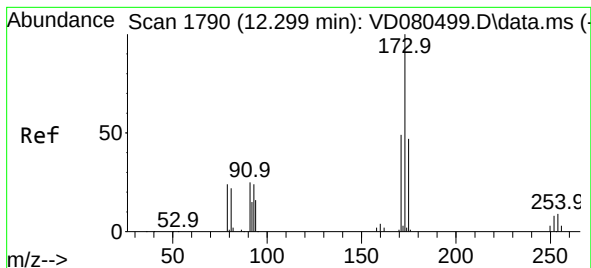
Ion Ratio Lower Upper

104 100

78 47.8 37.9 56.9

103 55.3 43.5 65.3





#71

Bromoform

Concen: 5.234 ug/l

RT: 12.294 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

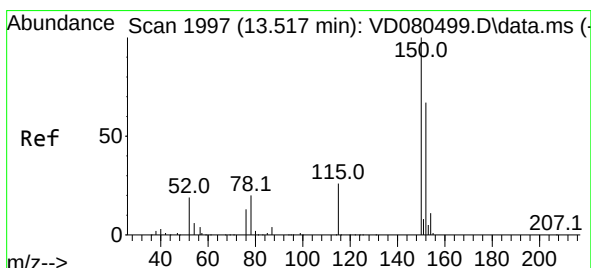
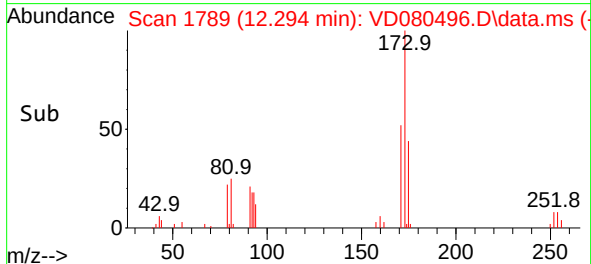
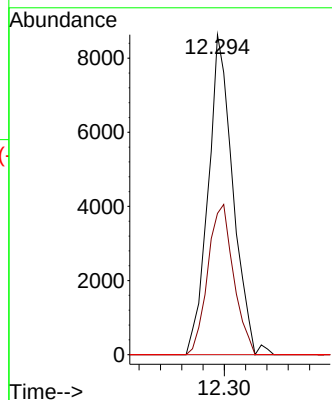
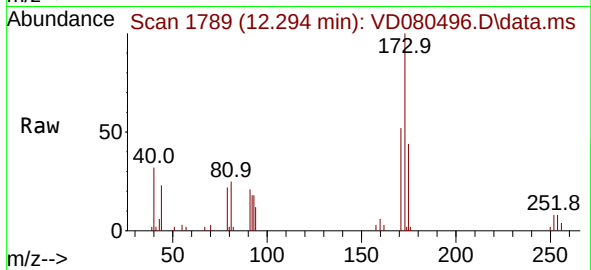
Tgt Ion:173 Resp: 13939

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

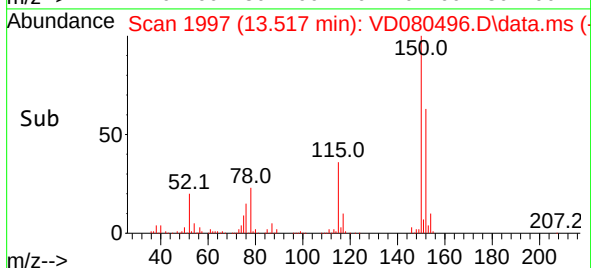
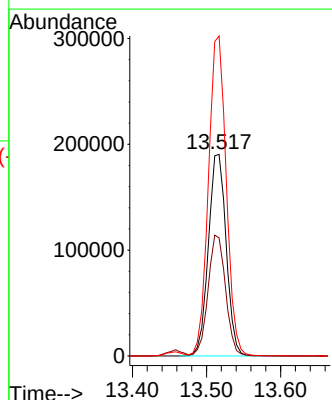
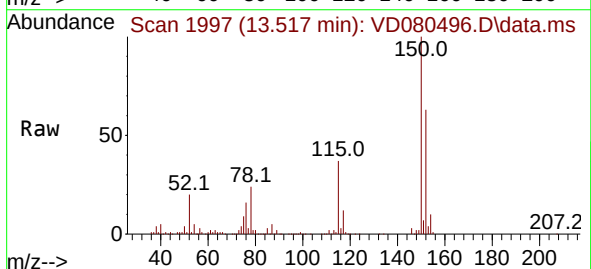
Tgt Ion:152 Resp: 318150

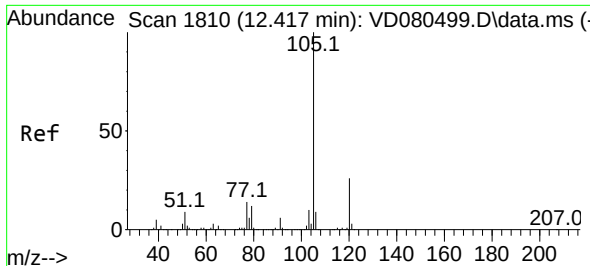
Ion Ratio Lower Upper

152 100

115 59.1 29.0 87.0

150 158.9 0.0 345.0

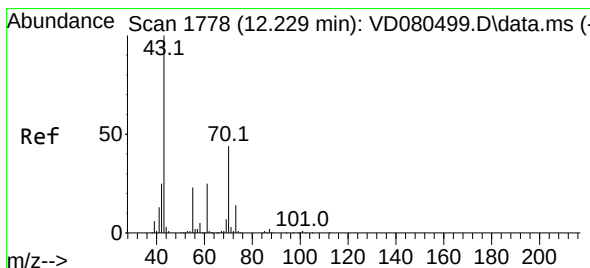
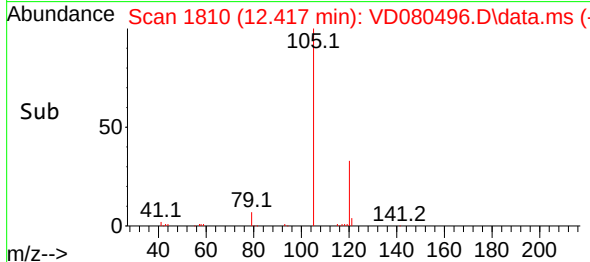
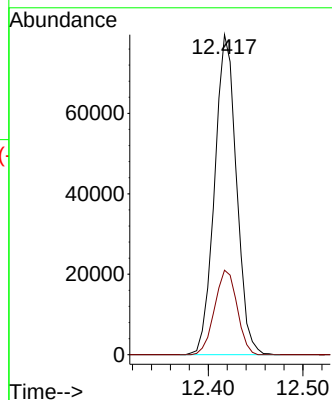
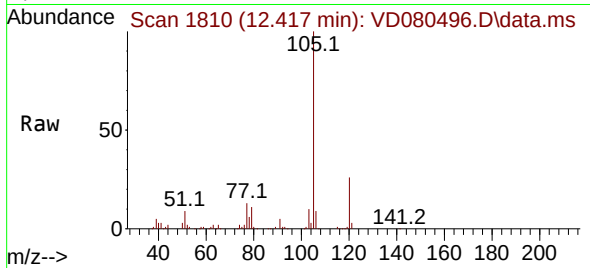




#73
Isopropylbenzene
Concen: 5.473 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

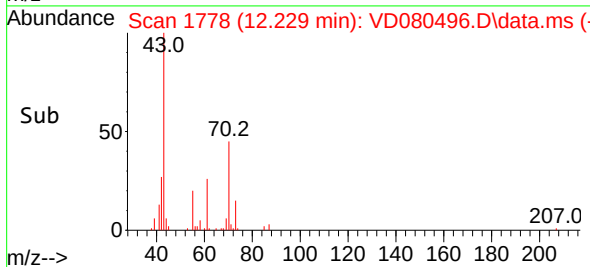
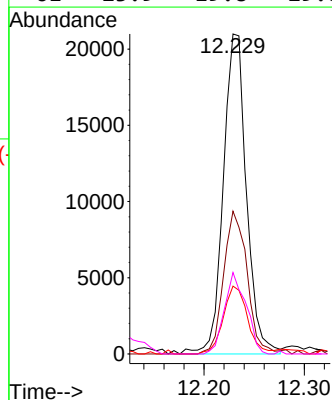
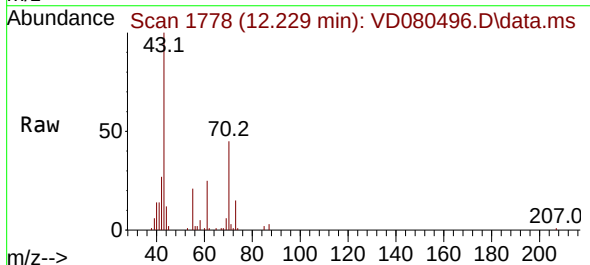
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

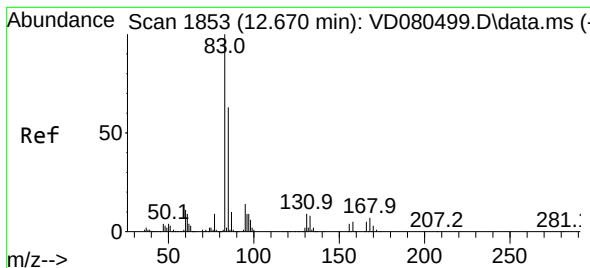
Tgt Ion:105 Resp: 127564
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 5.435 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 43 Resp: 33621
Ion Ratio Lower Upper
43 100
70 45.9 35.4 53.0
55 22.3 18.6 28.0
61 23.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.206 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

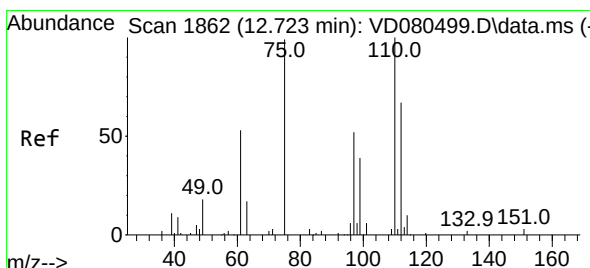
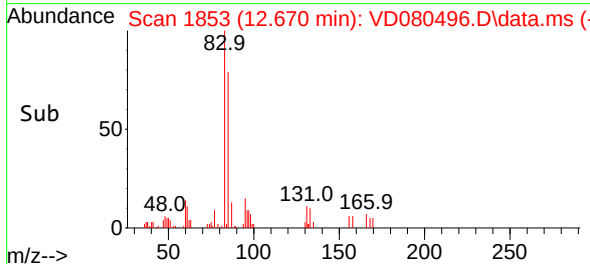
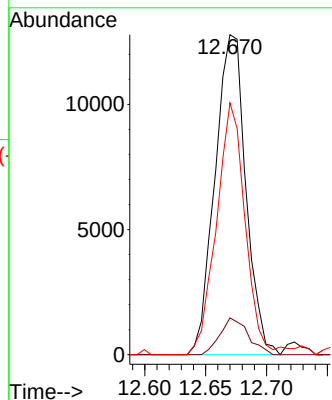
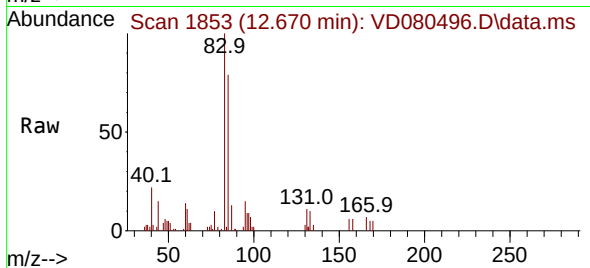
Tgt Ion: 83 Resp: 22562

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 73.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 11.835 ug/l

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080496.D

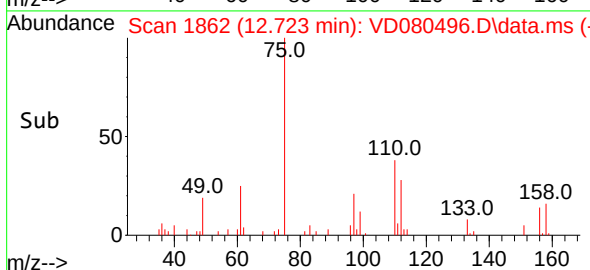
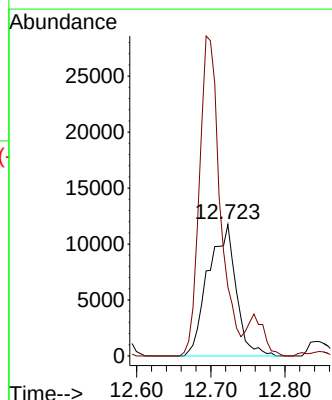
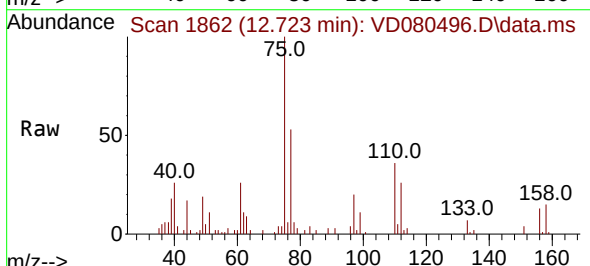
Acq: 27 Aug 2025 09:14

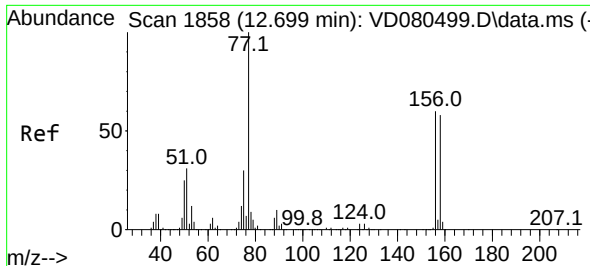
Tgt Ion: 75 Resp: 30731

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

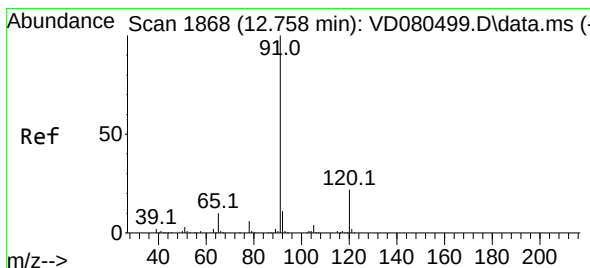
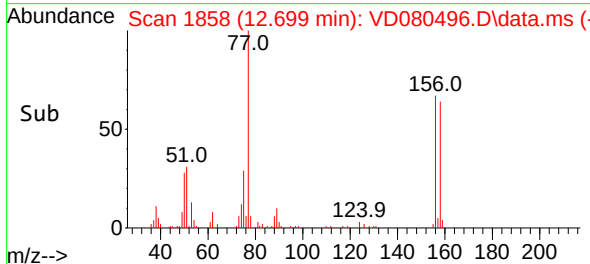
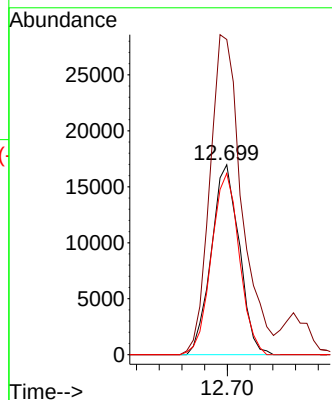
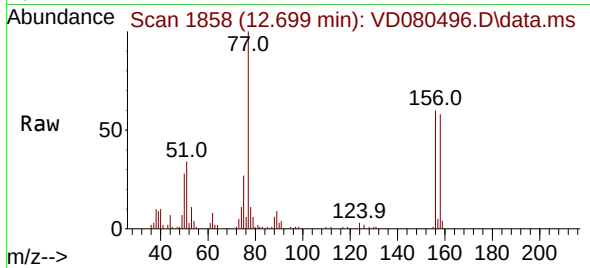




#77
Bromobenzene
Concen: 5.384 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

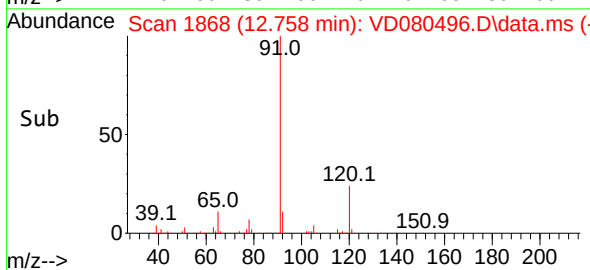
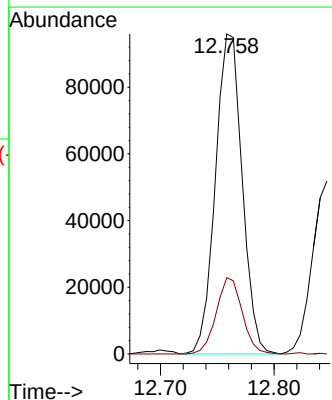
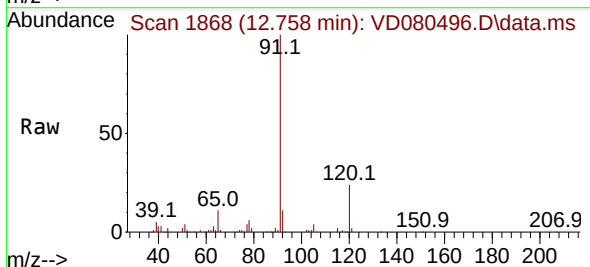
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

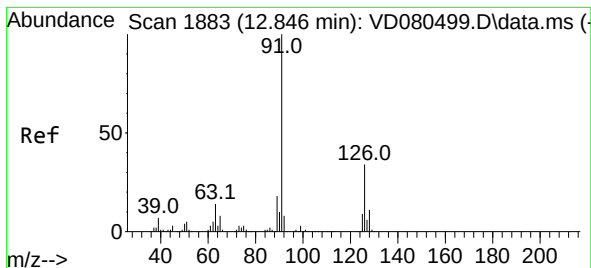
Tgt Ion	Ratio	Lower	Upper
156	100		
77	191.4	92.5	277.3
158	95.1	47.9	143.6



#78
n-propylbenzene
Concen: 5.553 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.9





#79

2-Chlorotoluene

Concen: 5.481 ug/l

RT: 12.846 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

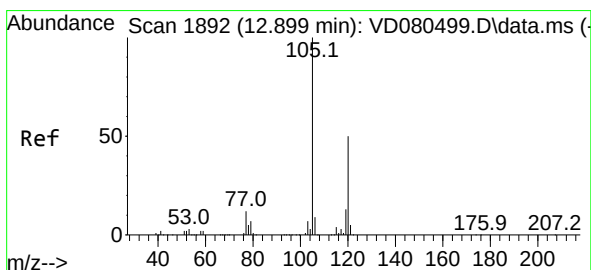
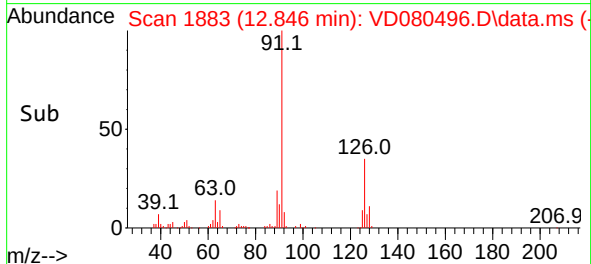
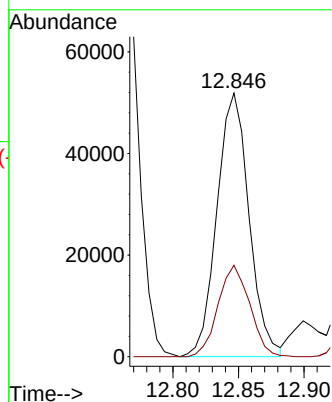
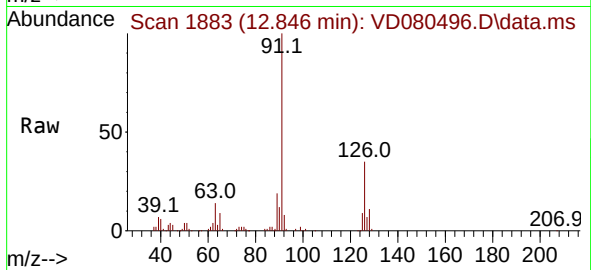
VSTDIC005

Tgt Ion: 91 Resp: 88397

Ion Ratio Lower Upper

91 100

126 34.2 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 5.538 ug/l

RT: 12.899 min Scan# 1892

Delta R.T. 0.000 min

Lab File: VD080496.D

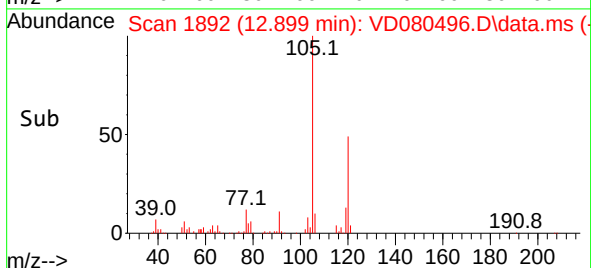
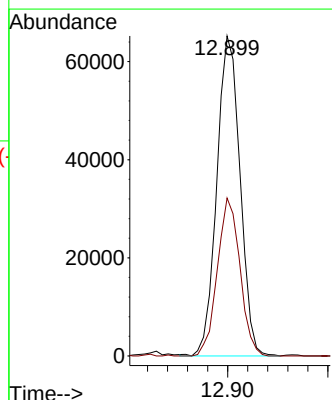
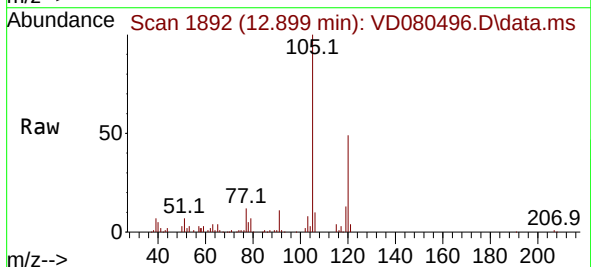
Acq: 27 Aug 2025 09:14

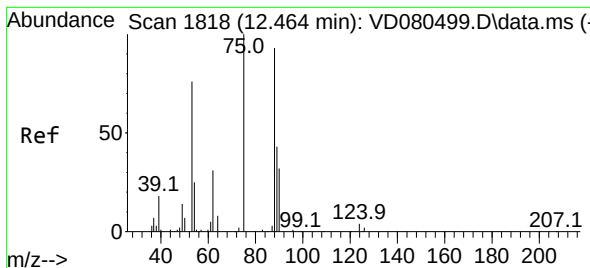
Tgt Ion: 105 Resp: 104904

Ion Ratio Lower Upper

105 100

120 48.0 24.7 74.1

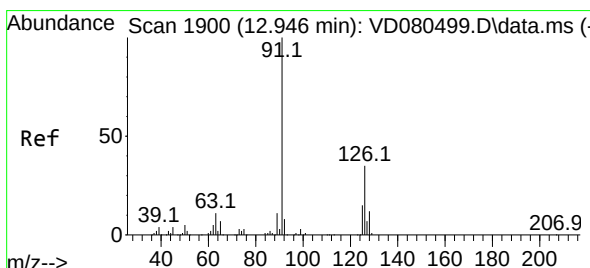
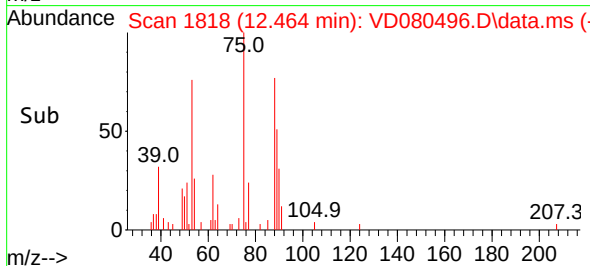
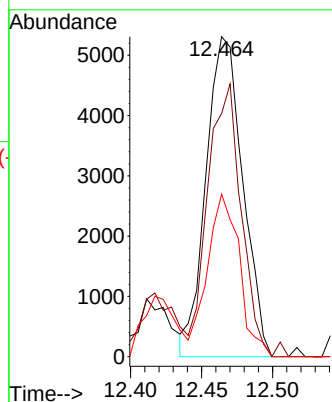
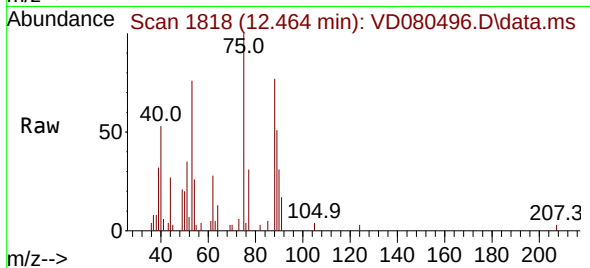




#81
trans-1,4-Dichloro-2-butene
Concen: 5.588 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

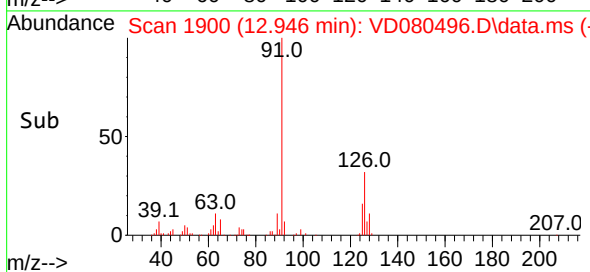
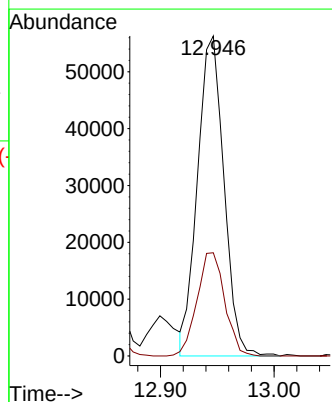
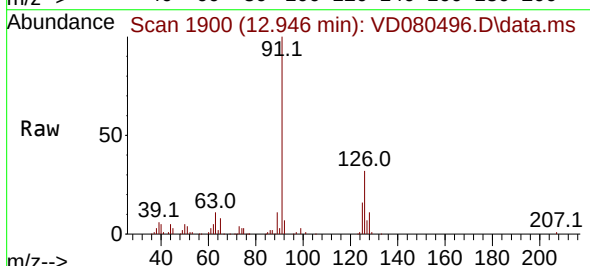
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

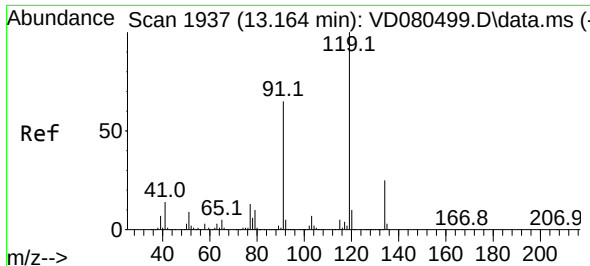
Tgt Ion:	75	Resp:	9560
Ion	Ratio	Lower	Upper
75	100		
53	76.8	61.9	92.9
89	44.2	34.6	52.0



#82
4-Chlorotoluene
Concen: 5.489 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion:	91	Resp:	91061
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7

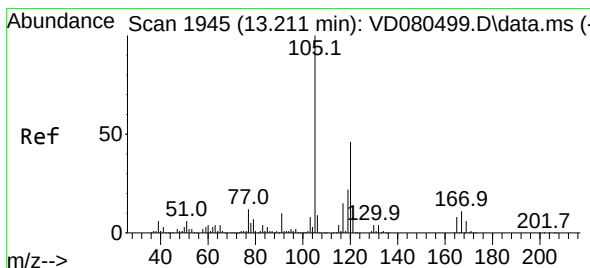
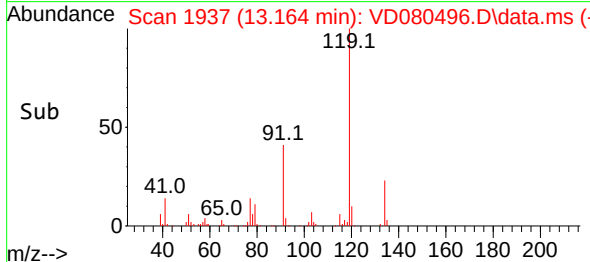
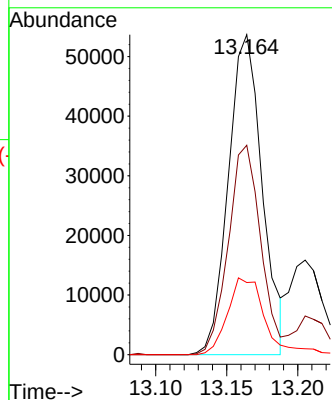
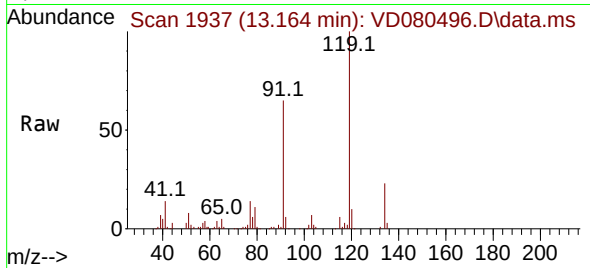




#83
 tert-Butylbenzene
 Concen: 5.422 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

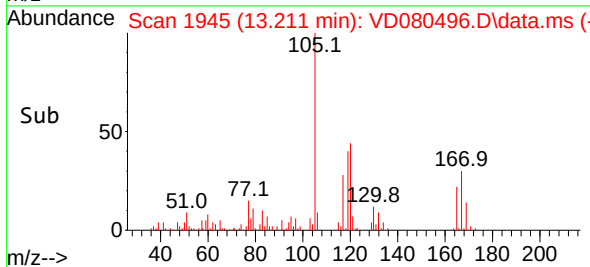
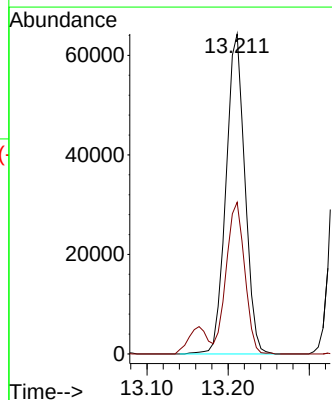
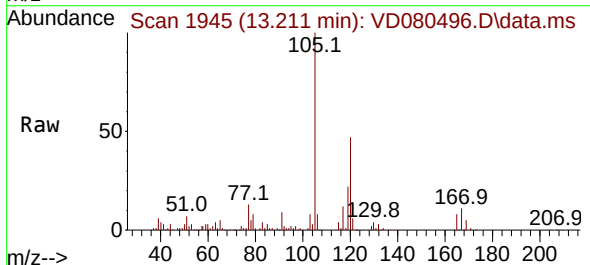
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

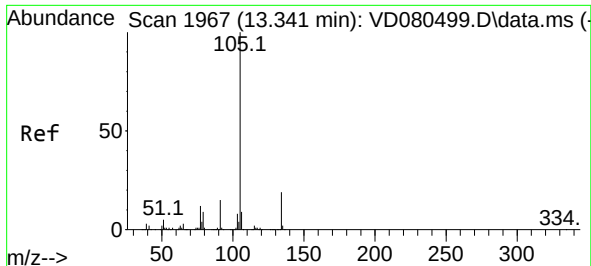
Tgt Ion:119 Resp: 89108
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.0 96.0
 134 26.6 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.447 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

Tgt Ion:105 Resp: 103894
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.5 67.5

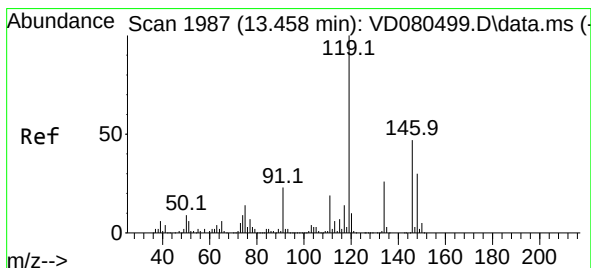
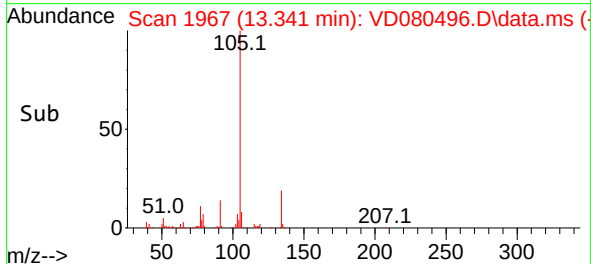
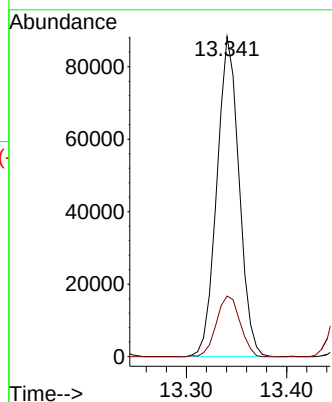
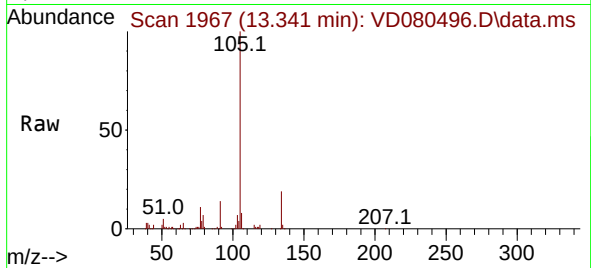




#85
 sec-Butylbenzene
 Concen: 5.530 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

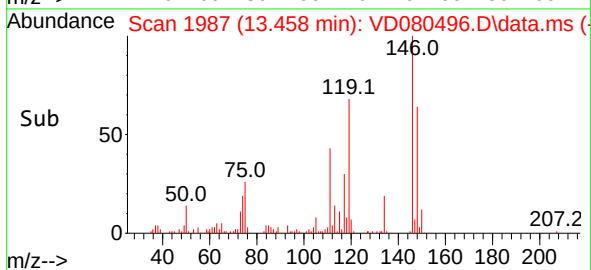
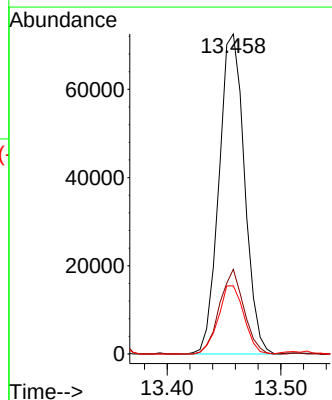
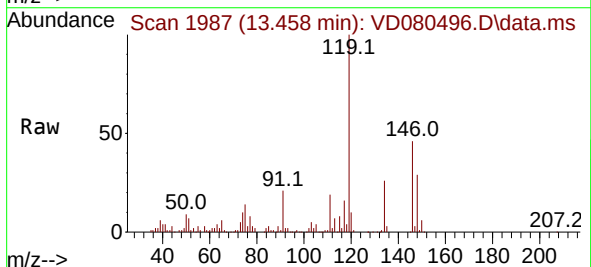
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

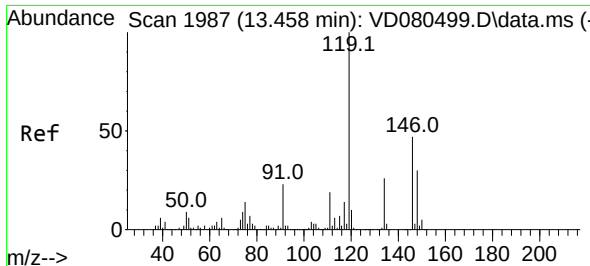
Tgt Ion:105 Resp: 135636
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 5.515 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

Tgt Ion:119 Resp: 113150
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 21.5 11.2 33.5

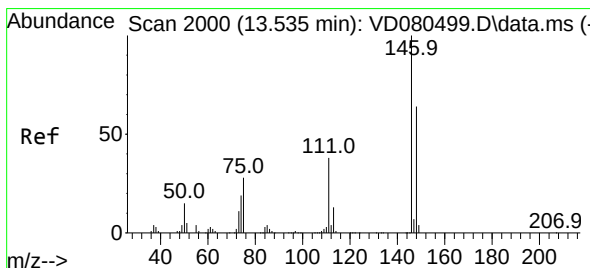
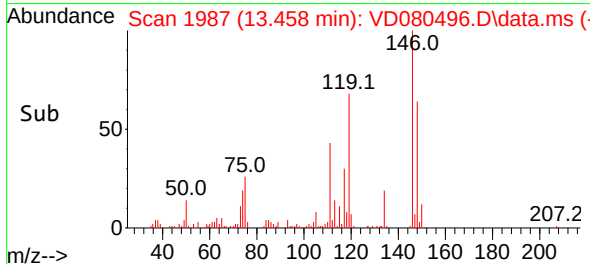
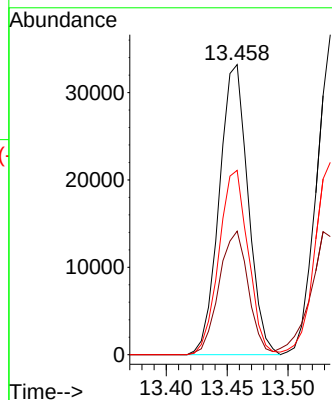
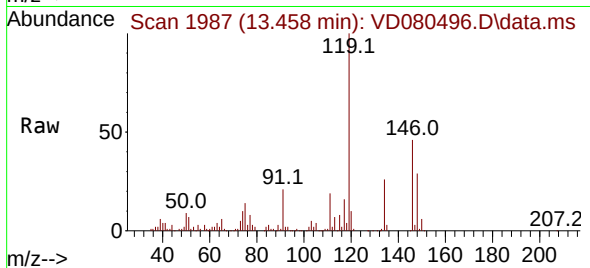




#87
 1,3-Dichlorobenzene
 Concen: 5.261 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

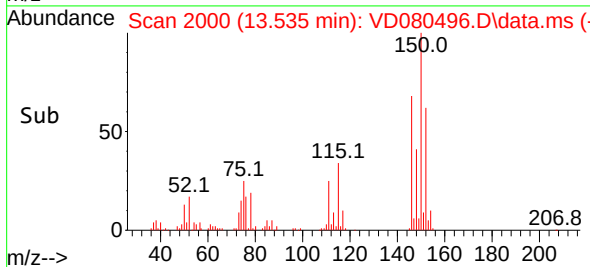
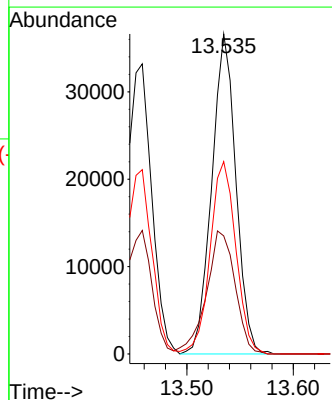
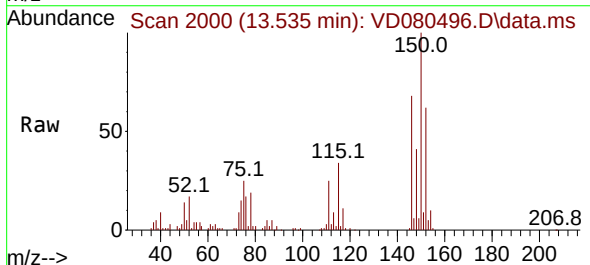
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

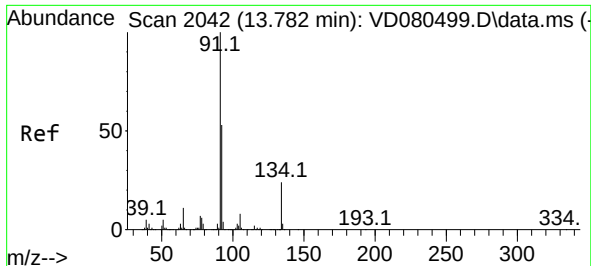
Tgt Ion:146 Resp: 54705
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.9 59.6
 148 64.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 5.517 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080496.D
 Acq: 27 Aug 2025 09:14

Tgt Ion:146 Resp: 57608
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.4 58.1
 148 64.1 32.1 96.5

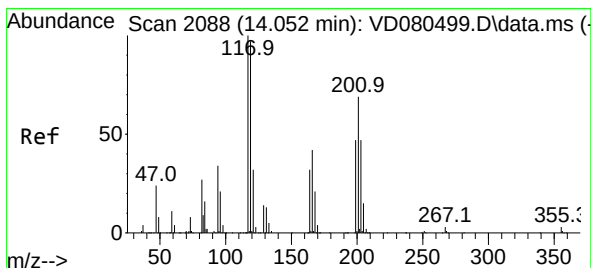
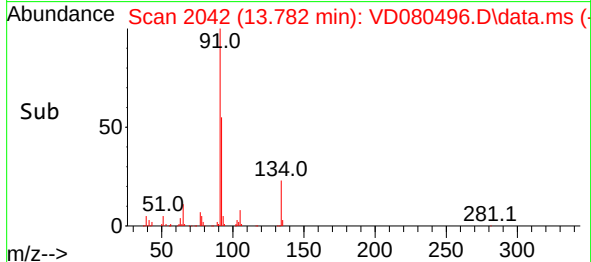
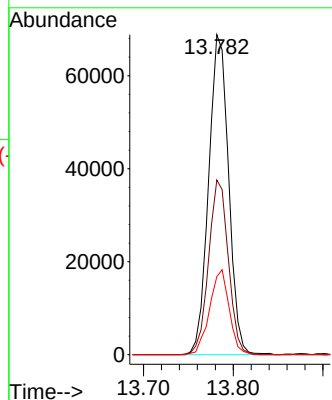
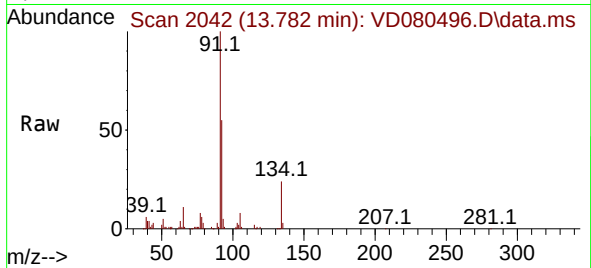




#89
n-Butylbenzene
Concen: 5.446 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

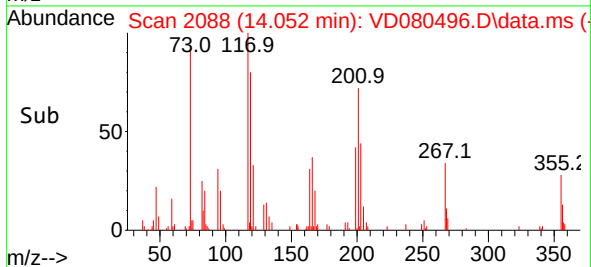
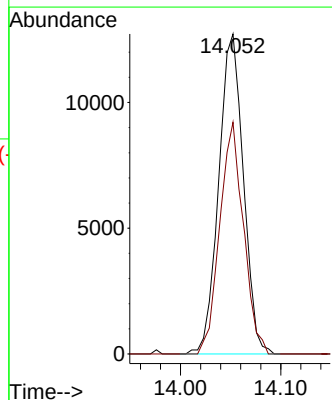
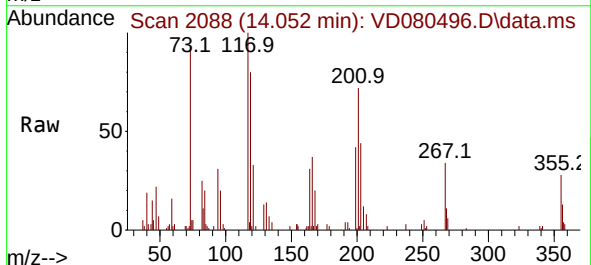
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

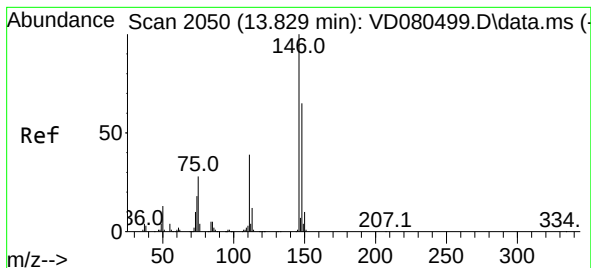
Tgt Ion: 91 Resp: 106442
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 26.0 12.4 37.2



#90
Hexachloroethane
Concen: 5.461 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion: 117 Resp: 21674
Ion Ratio Lower Upper
117 100
201 69.8 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 5.466 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

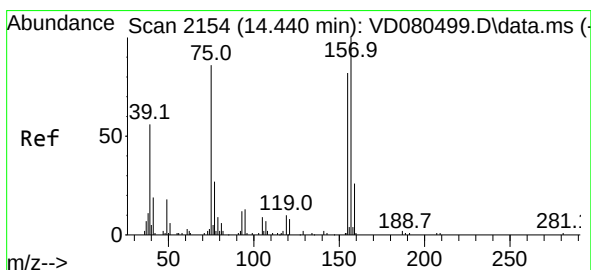
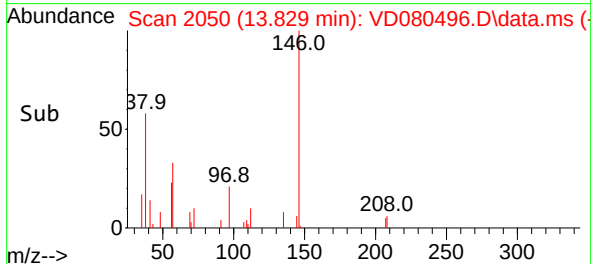
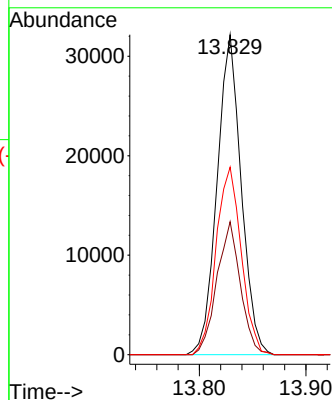
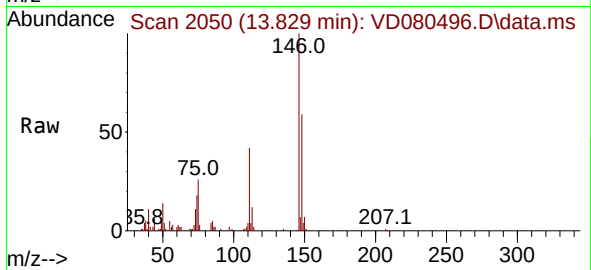
Tgt Ion:146 Resp: 50578

Ion Ratio Lower Upper

146 100

111 40.5 20.7 62.1

148 60.9 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.602 ug/l

RT: 14.446 min Scan# 2155

Delta R.T. 0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

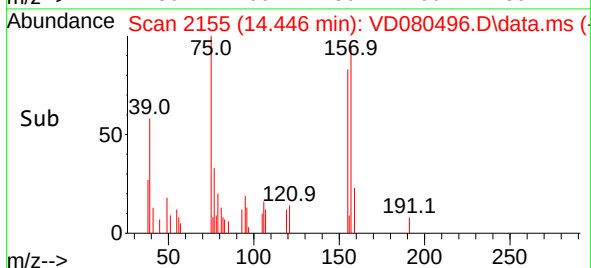
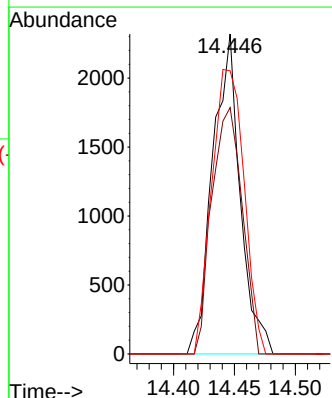
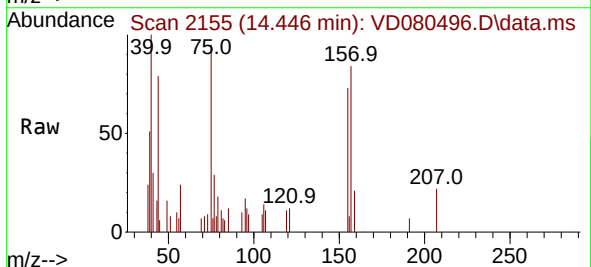
Tgt Ion: 75 Resp: 3643

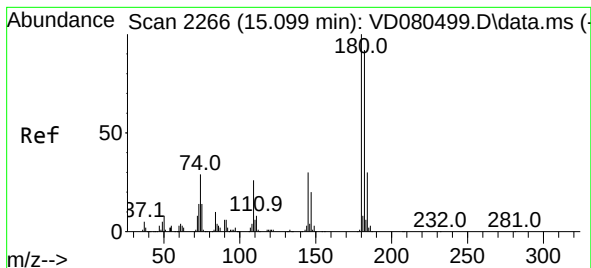
Ion Ratio Lower Upper

75 100

155 85.1 47.5 142.6

157 104.8 56.8 170.3





#93

1,2,4-Trichlorobenzene

Concen: 5.435 ug/l

RT: 15.093 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

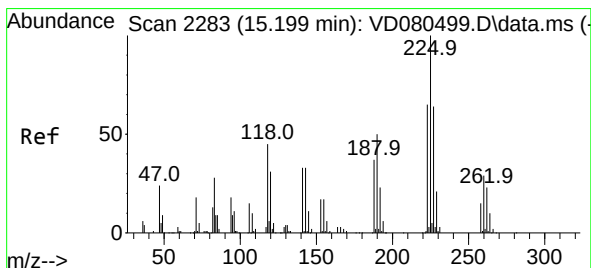
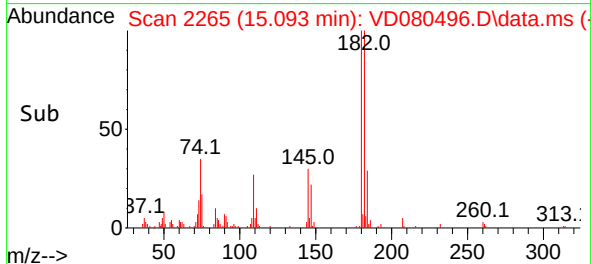
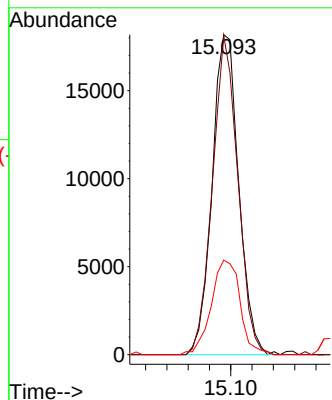
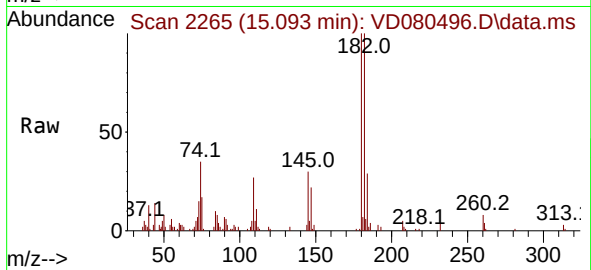
Tgt Ion:180 Resp: 31510

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 32.0 15.7 47.0



#94

Hexachlorobutadiene

Concen: 5.532 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080496.D

Acq: 27 Aug 2025 09:14

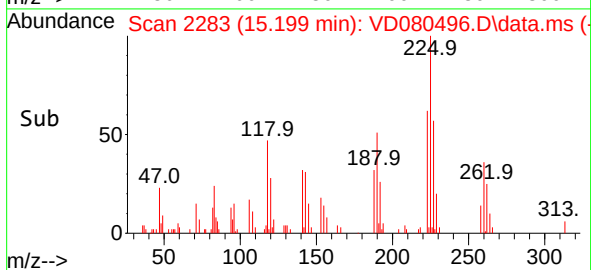
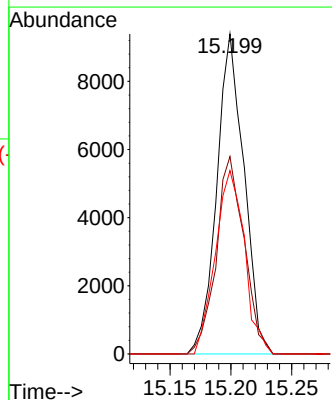
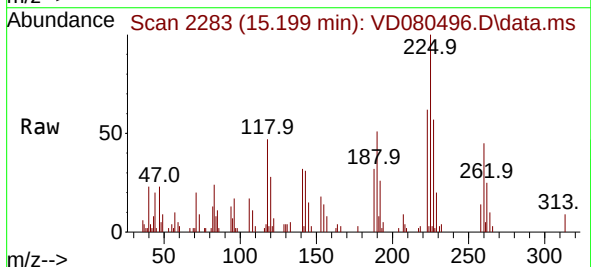
Tgt Ion:225 Resp: 14577

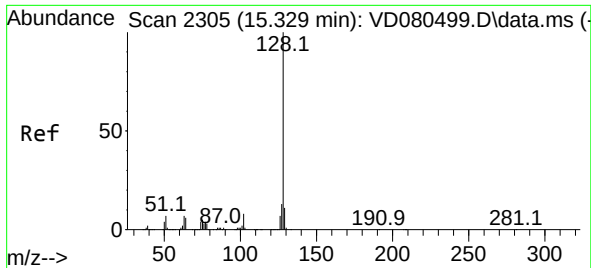
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.7

227 61.4 32.0 96.2

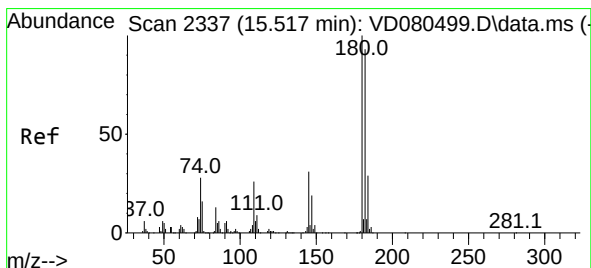
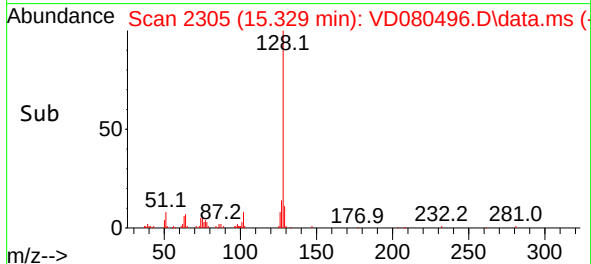
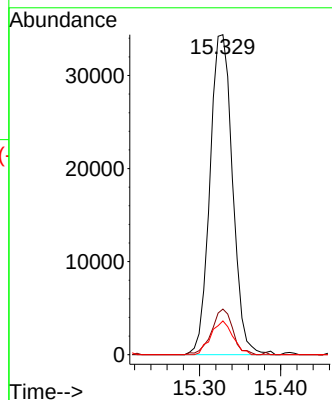
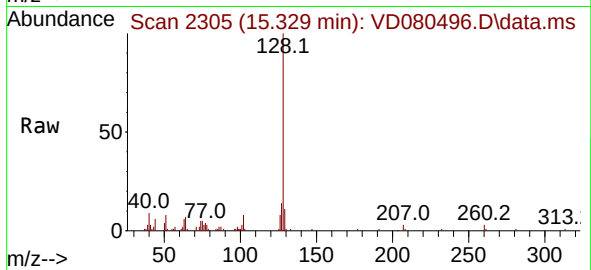




#95
Naphthalene
Concen: 5.389 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 66462
Ion Ratio Lower Upper
128 100
127 14.2 10.6 16.0
129 10.6 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 5.336 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080496.D
Acq: 27 Aug 2025 09:14

Tgt Ion:180 Resp: 26484
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 34.0 16.2 48.5

